

MAR/REG OIL COMPANY

**P.O. Box 18148
Reno, Nevada 89511**

March 8, 2001

Utah Division of Oil, Gas, & Mining
1594 West North Temple
Box 145801
Salt Lake City, UT 84114-5801

RE: APPLICATION FOR PERMIT TO DRILL
FEDERAL #3-20
NE/4NE/4, SEC. 20, T7S, R21E
UINTAH COUNTY, UTAH
LEASE NO.: U-49656
FEDERAL LANDS

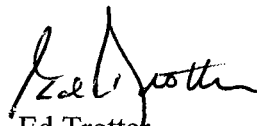
Enclosed please find a copy of the Application for Permit to Drill and associated attachments for the referenced well.

Please address further communication regarding this matter (including approval) to:

Rhonda Ahmad
MAR/REG OIL COMPANY
P.O. Box 18148
Reno, NV 89511

Phone: 775 852-7444
Fax: 775 851-1138

Sincerely,



Ed Trotter
Agent
MAR/REG OIL COMPANY

Attachments

RECEIVED

MAR 13 2001

DIVISION OF
OIL, GAS AND MINING

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB NO. 1004-0136

APPLICATION FOR PERMIT TO DRILL OR DEEPEN

1a. TYPE OF WORK
DRILL ☐ **DEEPEN** ☐

b. TYPE OF WELL
Oil Well ☒ Gas Well ☐ Other ☐ Single Zone ☐ Multiple Zone ☐

2. Name of Operator
MAR/REG OIL COMPANY

3. Address and Telephone Number
P.O. BOX 18148, RENO, NV 89511 (775)852-7444

4. Location of Well (Report location clearly and in accordance with any State requirements.)
At surface **660' FNL & 850' FEL NE/NE** *4450962N 621531E*
At proposed prod. Zone

5. Lease designation and serial number
U-049656

6. If Indian, Allottee or Tribe name

7. Unit Agreement Name

8. Farm or lease name, well no.

9. API Well No.
FEDERAL 3-20

10. Field and pool, or wildcat
WASATCH

11. Sec., T., R., M., or BLK. and survey or area
SEC. 20, T7S, R21E

12. County or parish
UINTAH

13. State
UTAH

14. Distance in miles and direction from nearest town or post office
31.2 MILES SOUTHEAST OF OURAY, UTAH

15. Distance from proposed location to nearest property or lease line, ft. **660'**
(Also to nearest drig. Unit line, if any)

16. No. of acres in lease

17. No. of acres assigned to this well

18. Distance from proposed location to nearest well, drilling, completed, or applied for, on this lease, ft.

19. Proposed depth
7200'

20. Rotary or cable tools
ROTARY

21. Elevations (show whether DF, RT, GR, etc.)
4776.5 FEET GRADED GROUND

22. Approx. date work will start
UPON APPROVAL

23. PROPOSED CASING AND CEMENTING PROGRAM				
SIZE OF HOLE	GRADE, SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
11"	8 5/8"	24#	300'	150-200 SX CLASS "G" + 2% CaCl2 + 1/4 #/SX CELLOFLAKE.
7 7/8"	5 1/2"	17#	7200'	50/50 POXMIX + 2% GEL + 10% SALT TO 400' ABOVE ALL ZONES OF INTEREST (+10% EXCESS). LIGHT CEMENT (11PPG+) + LCM TO 200' ABOVE OIL SHALE OR FRESH WATER INTERVALS (+ 5% EXCESS).

SEE ATTACHMENTS FOR:

8 POINT PLAN
BOP SCHEMATIC
SURFACE USE AND OPERATING PLAN
LOCATION PLAT
LOCATION LAYOUT
TOPOGRAPHIC MAPS "A", "B", AND "C"
GAS SALES PIPELINE—MAP "D"
FACILITY DIAGRAM

CONFIDENTIAL

MAR/REG OIL COMPANY WILL BE THE
DESIGNATED OPERATOR OF THE SUBJECT
WELL UNDER BOND # **UT 0994**

Pc: UTAH DIVISION OF OIL, GAS, AND MINING

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

SIGNED *Bradley G. Hill* TITLE Agent DATE 3-9-2001

(This space for Federal or State office use)

PERMIT NO. 43-047-38984

APPROVAL DATE

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

CONDITIONS OF APPROVAL, IF ANY:

APPROVED BY *Bradley G. Hill*

TITLE **BRADLEY G. HILL
RECLAMATION SPECIALIST III**

DATE 03-22-01

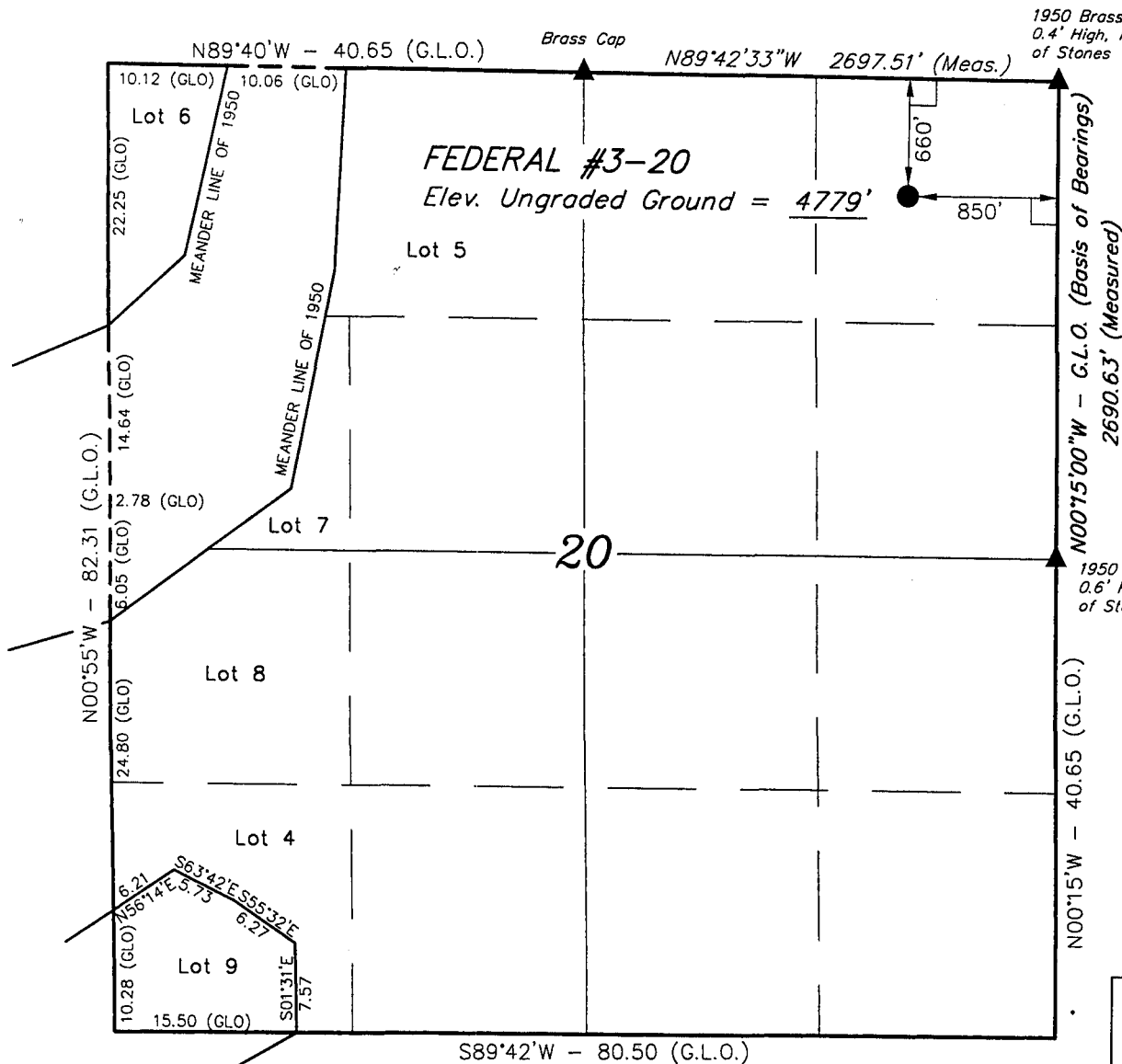
DIVISION OF
OIL, GAS AND MINING

Federal Approval of this
Action is Necessary

T7S, R21E, S.L.B.&M.

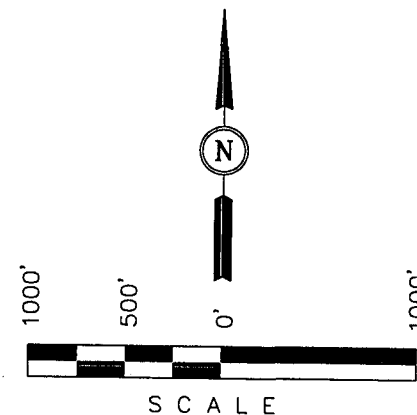
MAR/REG OIL COMPANY

Well location, FEDERAL #3-20, located as shown in the NE 1/4 NE 1/4 of Section 20, T7S, R21E, S.L.B.&M. Uintah County, Utah.



BASIS OF ELEVATION

BENCH MARK 43EAM AT A ROAD INTERSECTION IN THE SE 1/4 OF SECTION 21, T7S, R21E, S.L.B.&M. TAKEN FROM THE BRENNAN BASIN QUADRANGLE, UTAH, UTAH COUNTY, 7.5 MINUTE QUAD. (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 4832 FEET.



CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

REGISTERED LAND SURVEYOR
REGISTRATION NO. 161319
STATE OF UTAH

UINTAH ENGINEERING & LAND SURVEYING
85 SOUTH 200 EAST - VERNAL, UTAH 84078
(435) 789-1017

LEGEND:

- └─┘ = 90° SYMBOL
- = PROPOSED WELL HEAD.
- ▲ = SECTION CORNERS LOCATED.

Latitude = 40°12'08"
Longitude = 109°34'21"

SCALE 1" = 1000'	DATE SURVEYED: 12-20-00	DATE DRAWN: 12-21-00
PARTY D.K. B.P. C.B.T.	REFERENCES G.L.O. PLAT	
WEATHER COOL	FILE MAR/REG OIL COMPANY	

MAR/REG OIL COMPANY
EIGHT POINT PLAN
Federal #3-20
NW/NE, Section 20, T7S, R21E
UINTAH COUNTY, UTAH

1. GEOLOGIC SURFACE FORMATION:

Uinta formation of Upper Eocene Age

2. ESTIMATED TOPS OF IMPORTANT GEOLOGIC MARKERS:

Uinta	Surface
Green river	3700'
Wasatch	7000'

EST. TD 7200' Anticipated BHP 3100

3. ESTIMATED DEPTHS OF ANTICIPATED WATER, OIL, GAS OR MINERALS:

Green River- Wasatch transition	Oil bearing sands anticipated 6700-7200'
Uinta	Gas bearing sands anticipated 2000-3000'

4. PROPOSED CASING PROGRAM:

8 5/8", J-55, 24#; set at 300'
5 1/2", J-55 17#, STC: set at TD
All casing will be new

5. MINIMUM SPECIFICATIONS FOR PRESSURE CONTROL:

The operations minimum specifications for pressure control equipment are as follows:

A 10" Series 900 Hydrill Bag type BOP and a 10" Double ram Hydraulic unit with a closing unit will be utilized. Pressure tests of BOP's to 1000# will be made prior to drilling surface plug and operation will be checked daily. (See exhibit A)

6. TYPE AND CHARACTERISTICS OF THE PROPOSED CIRCULATION MUDS:

It is proposed that the hole be drilled with 5% KCl water to the Wasatch zone (TD).

MAR/REG OIL COMPANY
EIGHT POINT PLAN
Federal #3-20
NW/NE, Section 20, T7S, R21E
UINTAH COUNTY, UTAH

7. AUXILIARY SAFETY EQUIPMENT TO BE USED:

Auxiliary safety equipment will be a Kelly Cock, bit float, and a TIW valve with drill pipe threads.

8. TESTING, LOGGING AND CORING PROGRAMS:

No coring or drill stem testing has been scheduled for this well. The logging will consist of a Dual Laterolog and a Compensated Neutron-Formation Density.

9. ANTICIPATED ABNORMAL PRESSURE OR TEMPERATURE:

It is not anticipated that abnormal pressures or temperatures will be encountered; nor that any other abnormal hazards such as H₂S gas will be encountered in this area.

10. STANDARD REQUIRED EQUIPMENT:

- A. Choke Manifold
- B. Kelly Clock
- C. Stabbing Valve
- D. Visual Mud Monitoring

11. HAZARDOUS CHEMICALS:

No chemicals subject to reporting under SARA title III in an amount equal to or greater than 10,000 pounds will be used, produced, stored, transported, or disposed of annually in association with the drilling of this well. Furthermore, no extremely hazardous substances, as defined in 40 CFR 355, in threshold planning quantities, will be used, produced, stored, transported, or disposed of in association with the drilling of this well.

12. ANTICIPATED STARTING DATE AND DURATION OF THE OPERATIONS:

It is anticipated that operations will commence approximately July, 2001.

(Attachment: BOP Schematic Diagram)

3000 PSIG DIAGRAM

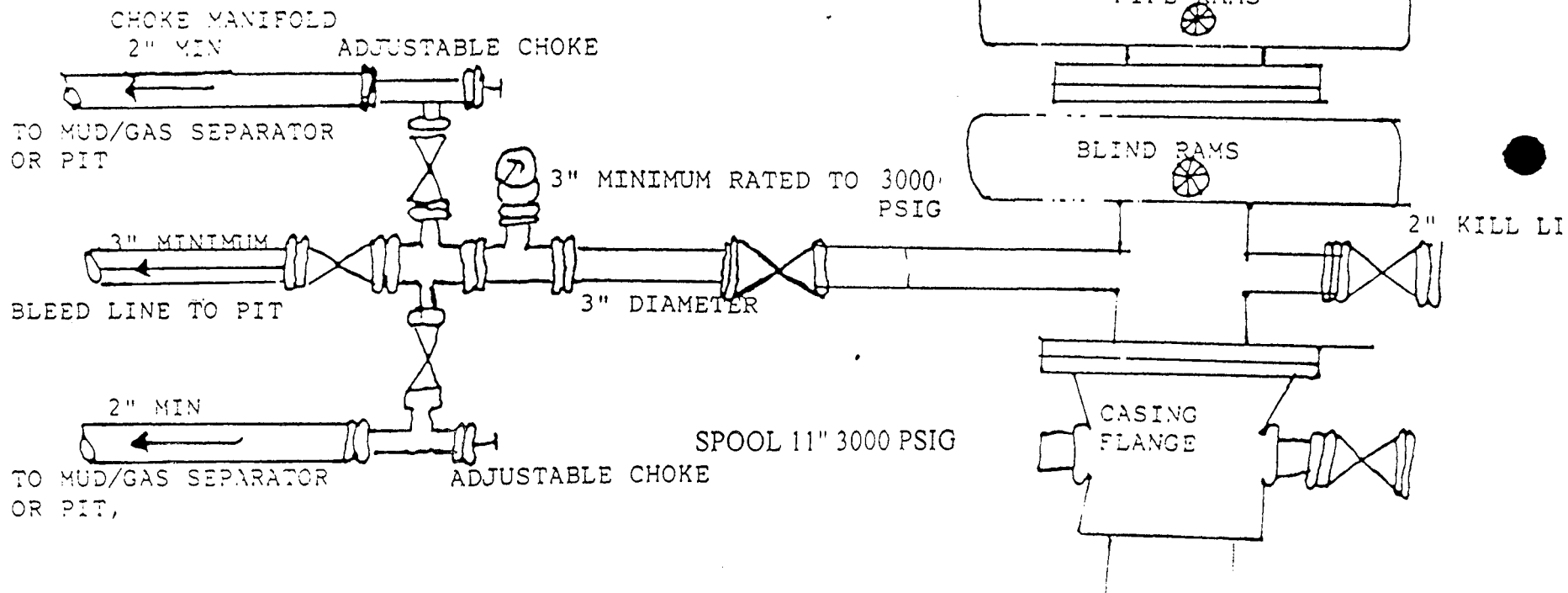
ANNULAR PREVENTOR AND BOTH RAMS ARE 3000 RATED.

CASING FLANGE IS 11" 3000 PSIG RATED.

BOPE 11" 3000 PSIG

TESTING PROCEDURE:

1. BOPE 's will be tested with a professional tester to conform to Onshore Order #2 with retest every 14 days.
2. Blind & Pipe rams will be tested to rated working pressure, 3000 psig
3. Annular preventor will be tested to 50% of working pressure, 1500 psig
4. Casing will be tested to 0.22 psi/ft. or 1500 psig. Not to exceed 70% of burst strength, whichever is greater.
5. All lines subject to well pressure will be pressure tested to the same pressure as blind & pipe rams.
6. All BOPE specifications and configurations will meet Onshore Order #2 requirements for 3000 psig BOPE specifications.



**CONDITIONS OF APPROVAL
FOR THE SURFACE USE PROGRAM OF THE
APPLICATION FOR PERMIT TO DRILL**

Company/Operator:	<u>MAR/REG OIL COMPANY</u>
Well Name & Number:	<u>Federal #3-20</u>
Lease Number:	<u>U-49656</u>
Location:	<u>660' FNL & 850' FEL, NE/NE, Sec. 20, T7S,</u> <u>R21E, S.L.B.&M., Uintah County, Utah</u>
Surface Ownership:	<u>Federal</u>

NOTIFICATION REQUIREMENTS

Location Construction - forty-eight (48) hours prior to construction of location and access roads.

Location Completion - prior to moving on the drilling rig.

Spud Notice: - at least twenty-four (24) hours prior to spudding the well.

Casing String and
Cementing - twenty-four (24) hours prior to running casing and cementing all casing strings.

BOP and related
Equipment Tests - twenty-four (24) hours prior to running casing and tests.

First Production
Notice - within five (5) business days after new Well begins or production resumes after Well has been off production for more than ninety (90) days.

For more specific details on notification requirements, please check the Conditions of Approval for Notice to Drill and Surface Use Program.

THIRTEEN POINT SURFACE USE PROGRAM

1. EXISTING ROADS

- A. See attached Wellsite Plats showing directional reference stakes on location, and attached TOPO Map "B" showing access to location from existing roads.
- B. The proposed well site is located approximately 31.2 miles southeast of Ouray, Utah - See attached TOPO Map "A".
- C. Refer to attached Topographic Map "A" showing labeled access route to location.
- D. Existing roads will be maintained and repaired as necessary. No off lease Right-of-Way will be required.

2. PLANNED ACCESS ROAD

- A. The access road will be approximately 0.3 miles in length. See attached TOPO Map "B".
- B. The access road has a 30 foot ROW w/ 18 foot running surface.
- C. Maximum grade on access road will be 8%.
- D. No turnouts will be required.
- E. Road drainage crossings shall be of the typical dry creek drainage crossing type.
- F. No culverts, bridges, or major cuts and fills will be required.
- G. The access road will be dirt surface.
- H. No gates, cattleguards, or fences will be required or encountered.

New or reconstructed roads will be centerlined - flagged at time of location staking.

The road shall be upgraded to meet the standards of the anticipated traffic flow and all-weather road requirements. Upgrading shall include ditching, drainage, graveling, crowning, and capping the roadbed as necessary to provide a well-constructed safe road. Prior to upgrading, the road shall be cleared of any snow cover and allowed to dry completely. Traveling off the 30 foot Right-of-Way will not be allowed.

Road drainage crossings shall be of the typical dry creek drainage crossing type. Crossings shall be designed so they will not cause siltation or accumulation of debris in the drainage crossings nor shall the drainages be blocked by the roadbed. Erosion of drainage ditches by run off water shall be prevented by diverting water off at frequent intervals by means of cutouts. Upgrading shall not be allowed during muddy conditions. Should mud holes develop, they shall be filled in and detours around them avoided.

As operator, MAR/REG OIL COMPANY shall be responsible for all maintenance on cattleguards, or gates associated with this oil and/or gas operation.

3. **LOCATION OF EXISTING WELLS WITHIN A ONE MILE RADIUS OF PROPOSED WELL LOCATION**

- A. Water wells - None
- B. Abandoned wells - None
- C. Temporarily abandoned wells - None
- D. Disposal wells - None
- E. Drilling wells - None
- F. Producing wells - 6*
- G. Shut in wells – 1*
- H. Injection wells - None

(*See attached TOPO map “C” for location)

4. **LOCATION OF EXISTING AND/OR PROPOSED FACILITIES**

A. **ON WELL PAD**

- 1. Tank batteries - None
- 2. Production facilities will be set on location if the well is successfully completed for production. Facilities will consist of wellhead valves, combo separator-dehy unit with meter, 300 Bbl vertical or 200 Bbl low profile, condensate tank, and attaching piping. See attached facility diagram.
- 3. Oil gathering lines - None
- 4. Gas gathering lines - A 3” gathering line will be buried from dehy to the edge of the location.
- 5. Injection lines - None
- 6. Disposal lines - None
- 7. Surface pits - None

B. **OFF WELL PAD**

- 1. Proposed location of attendant off pad flowlines shall be flagged prior to archaeological clearance.
- 2. A 3” OD steel or 2” OD poly above ground natural gas pipeline will be laid approximately 3300’ from proposed location to a point in the SE/NE of Section 20, T7S, R21E, where it will tie into MAR/REG OIL COMPANY’S existing line. Proposed pipeline crosses Federal lands within the lease, thus a Right-of -Way grant will not be required.
- 3. Proposed pipeline will be a 3” OD steel or 2” OD poly line laid on the surface.
- 4. Protective measures and devices for livestock and wildlife will be taken and/or installed where required.

If storage facilities/tank batteries are constructed on this lease, the facility/battery or the well pad shall be surrounded by a containment dike of sufficient capacity to contain, at a minimum, the entire contents of the largest tank within the facility/battery.

The production facilities will be placed on the Southeast side of the location.

5. LOCATION & TYPE OF WATER SUPPLY

- A. Water supply will be from Ouray Municipal Water Plant at Ouray, Utah, and/or Target Trucking Inc.'s water source in the SW/SW, Sec. 35, T9S, R22E, Uintah County, Utah (State Water Right #49-1501).
- B. Water will be hauled by a licensed trucking company.
- C. No water well will be drilled on lease.

6. SOURCE OF CONSTRUCTION MATERIAL

- A. All construction material for this location and access road will be of native borrow and soil accumulated during the construction of the location.
- B. All construction material will come from Federal Land.
- C. No mineral materials will be required.

7. METHODS OF HANDLING WASTE DISPOSAL

A. METHODS AND LOCATION

- 1. Cuttings will be confined in the reserve pit.
- 2. A portable toilet will be provided for human waste during the drilling and completion of the well. Disposal will be at the Vernal sewage disposal plant.
- 3. Burning will not be allowed. Trash and other waste material will be contained in a wire mesh cage and disposed of at an approved waste disposal facility.
- 4. Produced wastewater will be confined to a lined pit or storage tank for a period not to exceed 90 days after initial production. During the 90 day period, an application for approval of a permanent disposal method and location, together with the required water analysis, will be submitted for the AO's approval.
- 5. All chemicals will be disposed of at an authorized disposal site. Drip pans and absorbent pads will be used on the drilling rig to avoid leakage of oil to the pit.

- B. Water from drilling fluids and recovered during testing operations will be disposed of by either evaporating in the reserve pit or be removed and disposed of at an authorized disposal site. Introduction of well bore

hydrocarbons to the reserve pit will be avoided by flaring them off in the flare pit at the time of recovery.

Burning of trash will not be allowed. All trash must be contained in a trash cage and hauled away to an approved disposal site at the completion of the drilling activities.

On BLM administered land:

The reserve pit will be constructed so as not to leak, break, or allow discharge.

The reserve pit shall be lined.

After first production, produced wastewater will be confined to a lined pit or storage tank for a period not to exceed ninety (90) days. During the 90 day period, in accordance with Onshore Order No. 7, an application for approval of a permanent disposal method and location, along with required water analysis, shall be submitted for the AO's approval. Failure to file an application within the time allowed will be considered an incident of noncompliance.

8. ANCILLARY FACILITIES

A. No airstrips or camps are planned for this well.

9. WELLSITE LAYOUT

- A. Refer to attached well site plat for related topography cuts and fills and cross sections.
- B. Refer to attached well site plat for rig layout and soil material stockpile location as approved on On-site.
- C. Refer to attached well site plat for rig orientation, parking areas, and access road.
- D. The approved seed mixture for this location is:
 - 4 pounds 4-Wing Salt Bush per acre
 - 4 pounds Indian Rice Grass per acre
 - 4 pounds Needle and Thread Grass per acre

The reserve pit will be located on the Northwest corner of the location. The flare pit will be located downwind of the prevailing wind direction on the North side of the location, a minimum of 100 feet from the well head and 30 feet from the reserve pit fence.

The stockpiled pit topsoil will be stored separate from the location topsoil between Corners B and 5. The stockpiled location topsoil will be stored along the Southwest side. Upon completion of construction, the stockpiled topsoil from the location will be broadcast seeded with the approved seed mixture for this location and then walked down with a cat.

Access to the well pad will be from the East.

N/A Diversion ditch(es) shall be constructed on the _____ side of the location (above/below) the cut slope, draining to the _____.

N/A Soil compacted earthen berm(s) shall be placed on the _____ side(s) of the location between the _____.

N/A The drainage(s) shall be diverted around the sides of the well pad location.

N/A The reserve pit and/or pad locations shall be constructed long and narrow for topographic reasons _____.

X Corners #2 & 6 will be rounded off to minimize excavation.

FENCING REQUIREMENTS:

All pits will be fenced according to the following minimum standards:

- A. Thirty-nine inch net wire shall be used with at least one strand of barbed wire on top of the net wire. (Barbed wire is not necessary if pipe or some type of reinforcement rod is attached to the top of the entire fence).
- B. The net wire shall be no more than 2 inches above the ground. The barbed wire strand shall be 3 inches above the net wire. Total height of the fence shall be at least 42 inches.
- C. Corner posts shall be cemented and/or braced in such a manner as to keep the fence tight at all times.
- D. Standard steel, wood, or pipe posts shall be used between the corner braces. Maximum distance between any two posts shall be no greater than 16 feet.
- E. All wire shall be stretched by using a stretching device before it is attached to the corner posts.

The reserve pit fencing will be on the three sides during drilling operations and on the fourth side when the rig moves off the location. Pits will be fenced and maintained until clean-up.

Each existing fence to be crossed by the access road shall be braced and tied off before cutting so as to prevent slacking of the wire. The opening shall be closed temporarily as necessary during construction to prevent the escape of livestock, and, upon completion of construction, the fence shall be repaired to BLM or SMA specifications. A cattleguard with an adjacent 16 foot gate shall be installed in any fence where a road is to be regularly traveled. If the well is a producer, the cattleguards (shall/shall not) be permanently mounted on concrete bases. Prior to a new road, crossing any fence located on Federal land, or any fence between Federal land and private land, the operator will contact the BLM, who will in turn contact the grazing permittee or owner of said fence and offer him/her the

opportunity to be present when the fence is cut in order to satisfy himself/herself that the fence is adequately braced and tied off.

10. PLANS FOR RESTORATION OF SURFACE

A. PRODUCING LOCATION

Immediately upon well completion, the location and surrounding area will be cleared of all unused tubing, equipment, debris, materials, trash, and junk not required for production.

Immediately upon well completion, any hydrocarbons on the pit shall be removed in accordance with CFR 3162.7-1.

If a plastic nylon reinforced liner is used, it shall be torn and perforated before backfilling of the reserve pit.

The reserve pit and that portion of the location not needed for production facilities/operations will be recontoured to the approximate natural contours. The stockpiled pit topsoil will then be spread over the pit area and broadcast seeded with the prescribed seed mixture for this location. The seeded area will then be walked down with a cat.

B. DRY HOLE/ABANDONED LOCATION

At such time as the well is plugged and abandoned, the operator will submit a subsequent report of abandonment and the BLM will attach the appropriate surface rehabilitation conditions of approval.

11. SURFACE OWNERSHIP

Access road: Federal

Location: Federal

12. OTHER INFORMATION

- A. MAR/REG OIL COMPANY will inform all persons in the area who are associated with this project that they are subject to prosecution for knowingly disturbing historic or archaeological sites, or for collecting artifacts. If historic or archaeological materials are uncovered during construction, the operator will immediately stop work that might further disturb such materials, and contact the AO. Within five working days the AO will inform the operator as to:
- whether the materials appear eligible for the National Register of Historic Places;
 - the mitigation measures the operator will likely have to undertake before the site can be used.

-a time frame for the AO to complete an expedited review under 36 CFR 800.11 to confirm, through the State Historic Preservation Officer, that the findings of the AO are correct and that mitigation is appropriate.

If the operator wished, at any time, to relocate activities to avoid the expense of mitigation and/or the delays associated with this process, the AO will assume responsibility for whatever recordation and stabilization of the exposed materials that may be required. Otherwise, the operator will be responsible for mitigation costs. The AO will provide technical and procedural guidelines for the conduct of mitigation. Upon verification from the AO that required mitigation has been completed, the operator will then be allowed to resume construction.

- B. As operator, MAR/REG OIL COMPANY will control noxious weeds along Right-of-Ways for roads, pipelines, well sites, or other applicable facilities. A list of noxious weeds will be obtained from the BLM, or the appropriate County Extension Office. On BLM administered land, a Pesticide Use proposal shall be submitted, and given approval, prior to the application of herbicides or other pesticides or possible hazardous chemicals.
- C. Drilling rigs and/or equipment used during drilling operations on this well site will not be stacked or stored on BLM lands after the conclusion of drilling operations or at any other time without BLM authorization. However, if BLM authorization is obtained, it is only a temporary measure to allow time to make arrangements for permanent storage on commercial facilities. (The BLM does not seek to compete with private industry. There are commercial facilities available for stacking and storing drilling rigs.)

Additional Surface Stipulations

- N/A No construction or drilling activities shall be conducted between April 1 and July 15 because of Burrowing Owl stipulations, unless the BLM Biologist determines that Burrowing Owls are not present at the site.
- N/A No surface occupancy will be allowed within 1,000 feet of any sage grouse strutting ground.
- N/A No construction or exploration activities are permitted within a 1.5 mile radius of sage grouse strutting grounds from April 1 to June 30.
- N/A There shall be no surface disturbance within 600 feet of live water (includes stock tanks, springs, and guzzlers).
- N/A No cottonwood trees will be removed or damaged.
- N/A Pond will be constructed according to BLM specifications approximately _____ feet _____ of the location, as flagged on the onsite.

LESSEE'S OR OPERATOR'S REPRESENTATIVE AND CERTIFICATION

OPERATIONS

Rhonda Ahmad
MAR/REG OIL COMPANY
P.O. Box 18148
Reno, Nevada 89511

Phone: 775 852-7444
Fax: 775 851-1138

PERMITTING

Ed Trotter
P.O. Box 1910
Vernal, UT 84078

435-789-4120

All lease or unit operations will be conducted in such a manner that full compliance is made with all applicable laws, regulations, Onshore Oil and Gas Orders, the approval plan of operations, and any applicable Notice to Lessees. MAR/REG OIL COMPANY is fully responsible for the actions of their subcontractors. A copy of these conditions will be furnished to the field representative to insure compliance.

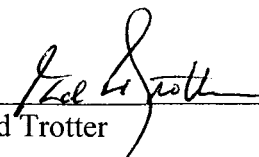
A copy of the approved APD and ROW grant, if applicable, shall be on location during construction of the location and drilling activities.

Certification

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drillsite and access route; that I am familiar with the conditions that presently exist; that the statements made in the Plan are, to the best of my knowledge, true and correct; and that the work associated with the operations proposed herein will be performed by MAR/REG OIL COMPANY and its contractors and subcontractors in conformity with this Plan and the terms and conditions under which it is approved.

3-9-2001

Date


Ed Trotter

MAR/REG OIL COMPANY

FEDERAL #3-20

LOCATED IN UINTAH COUNTY, UTAH

SECTION 20, T7S, R21E, S.L.B.&M.

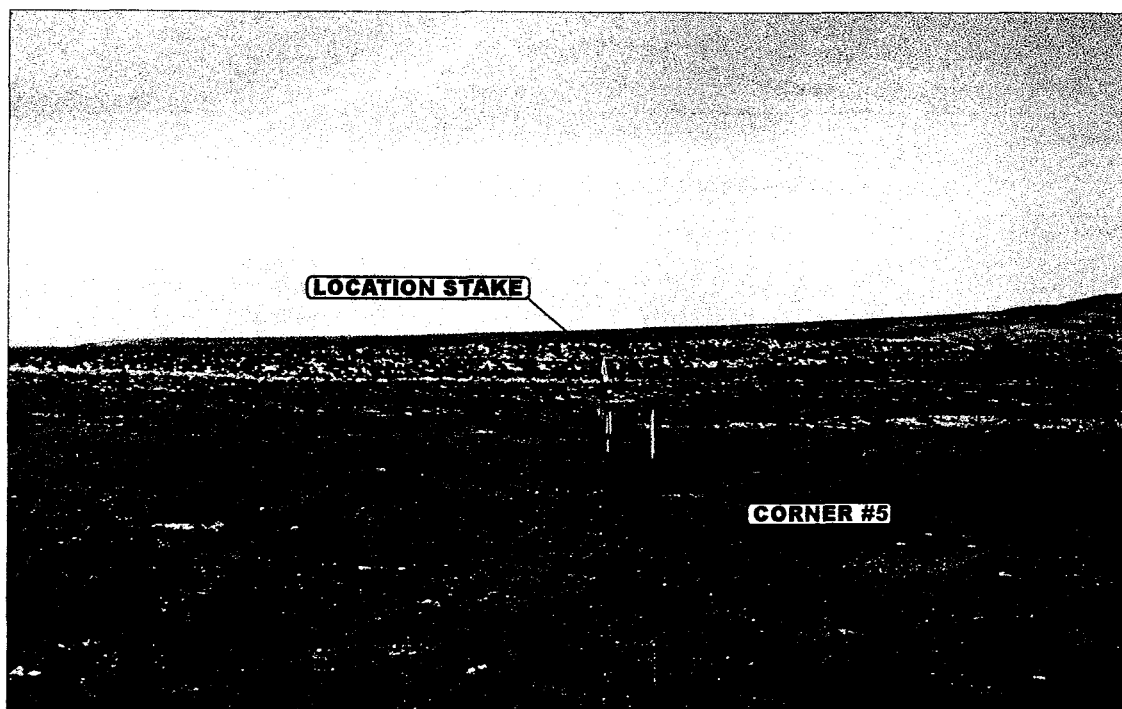


PHOTO: VIEW FROM CORNER #5 TO LOCATION STAKE

CAMERA ANGLE: SOUTHWESTERLY

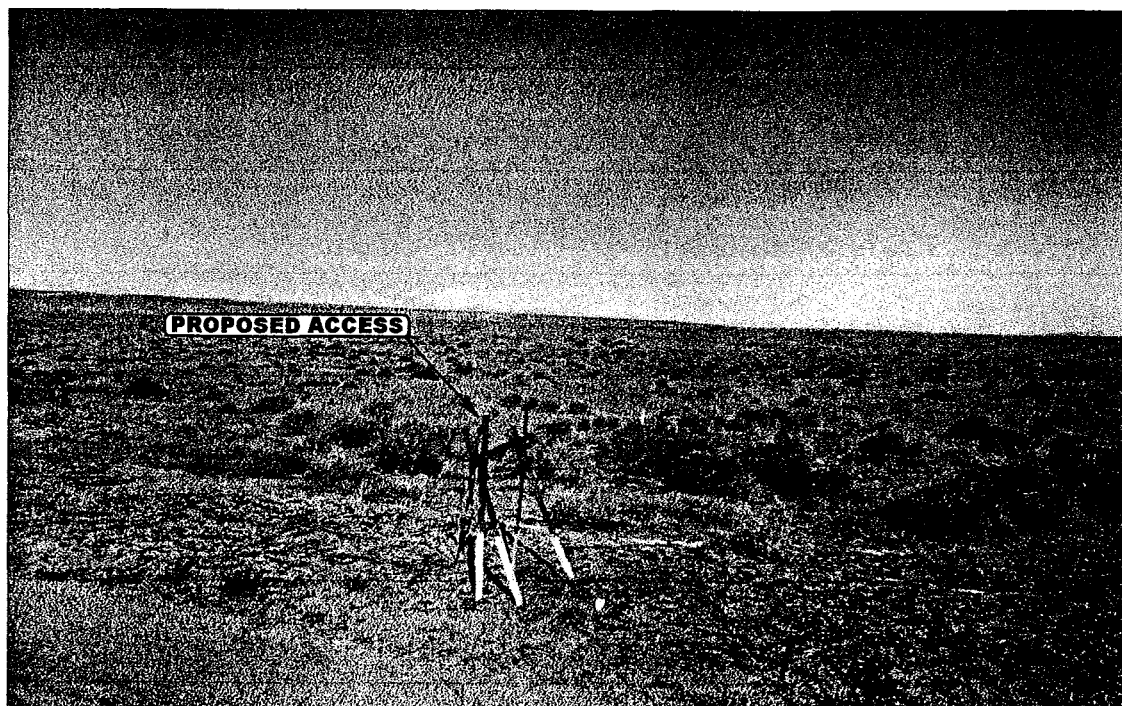


PHOTO: VIEW FROM BEGINNING OF PROPOSED ACCESS

CAMERA ANGLE: NORTHEASTERLY



- Since 1964 -

UELS

Uintah Engineering & Land Surveying

85 South 200 East Vernal, Utah 84078
435-789-1017 uels@uelsinc.com

LOCATION PHOTOS

12 27 00
MONTH DAY YEAR

PHOTO

TAKEN BY: D.K.

DRAWN BY: K.G.

REVISED: 00-00-00

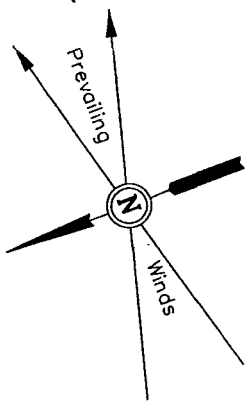
MAR/REG OIL COMPANY

LOCATION LAYOUT FOR

FEDERAL #3-20.

SECTION 20, T7S, R21E, S.L.B.&M.

660' FNL 850' FEL

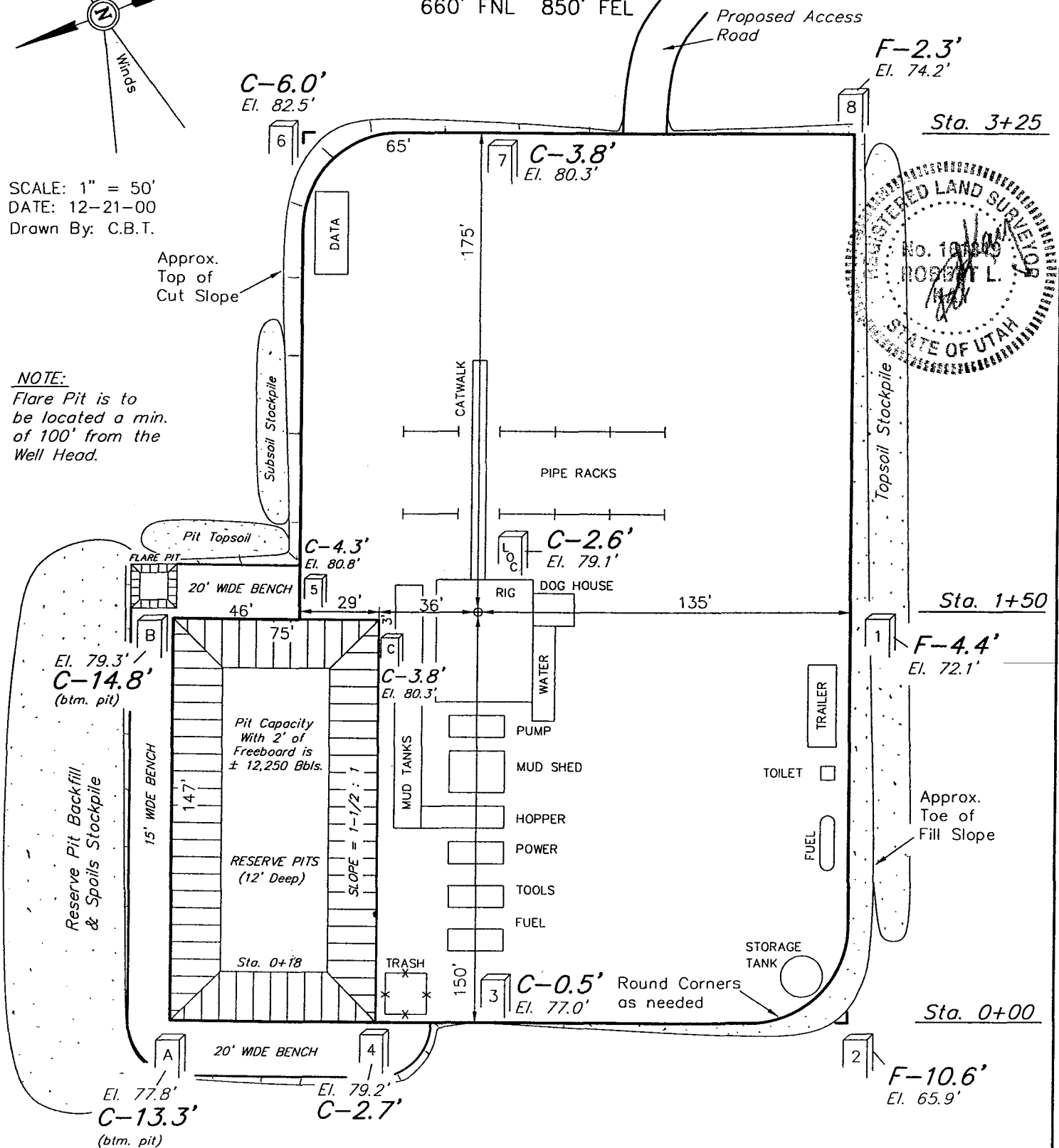


SCALE: 1" = 50'
DATE: 12-21-00
Drawn By: C.B.T.

Approx.
Top of
Cut Slope

NOTE:

Flare Pit is to
be located a min.
of 100' from the
Well Head.



Elev. Ungraded Ground at Location Stake = 4779.1'
Elev. Graded Ground at Location Stake = 4776.5'

UINTAH ENGINEERING & LAND SURVEYING
85 So. 200 East • Vernal, Utah 84078 • (435) 789-1017

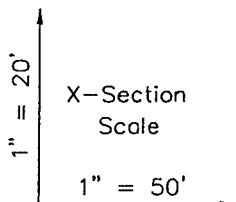
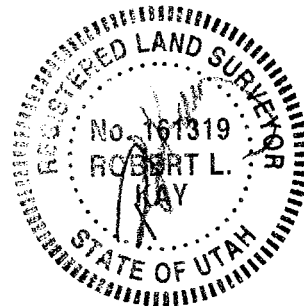
MAR/REG OIL COMPANY

TYPICAL CROSS SECTIONS FOR

FEDERAL #3-20.

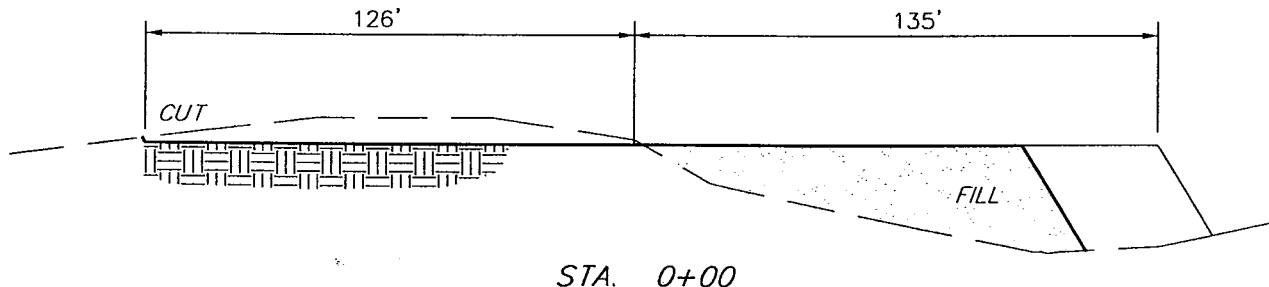
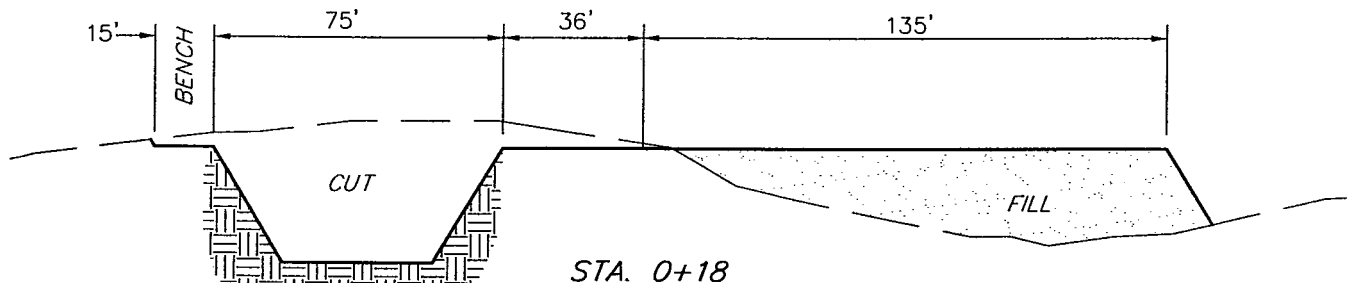
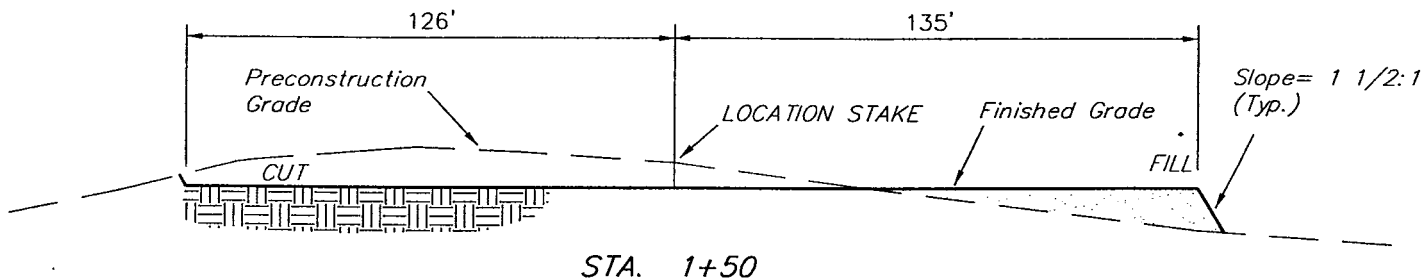
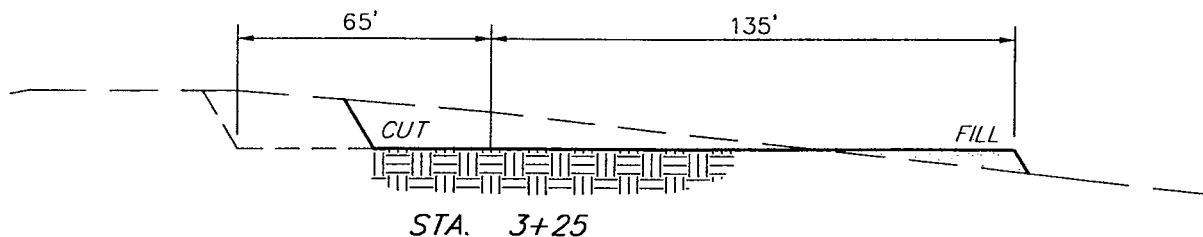
SECTION 20, T7S, R21E, S.L.B.&M.

660' FNL 850' FEL



DATE: 12-21-00

Drawn By: C.B.T.



APPROXIMATE YARDAGES

(6") Topsoil Stripping = 1,430 Cu. Yds.

Remaining Location = 6,640 Cu. Yds.

TOTAL CUT = 8,070 CU.YDS.

FILL = 4,730 CU.YDS.

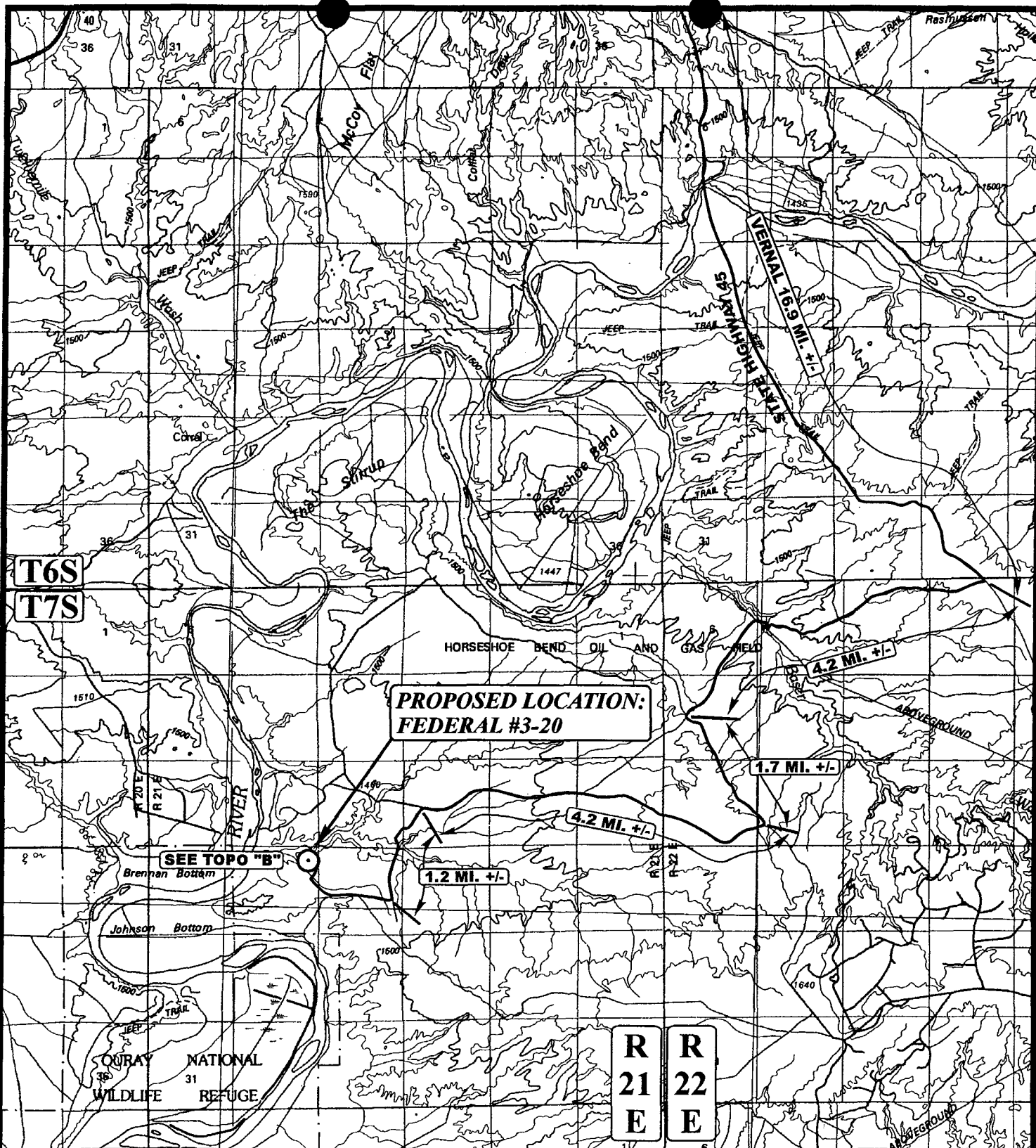
EXCESS MATERIAL AFTER

5% COMPACTION = 3,090 Cu. Yds.

Topsoil & Pit Backfill
(1/2 Pit Vol.) = 3,090 Cu. Yds.

EXCESS UNBALANCE
(After Rehabilitation) = 0 Cu. Yds.

UINTAH ENGINEERING & LAND SURVEYING
85 So. 200 East • Vernal, Utah 84078 • (435) 789-1017



LEGEND:

⊙ PROPOSED LOCATION



MAR/REG OIL COMPANY

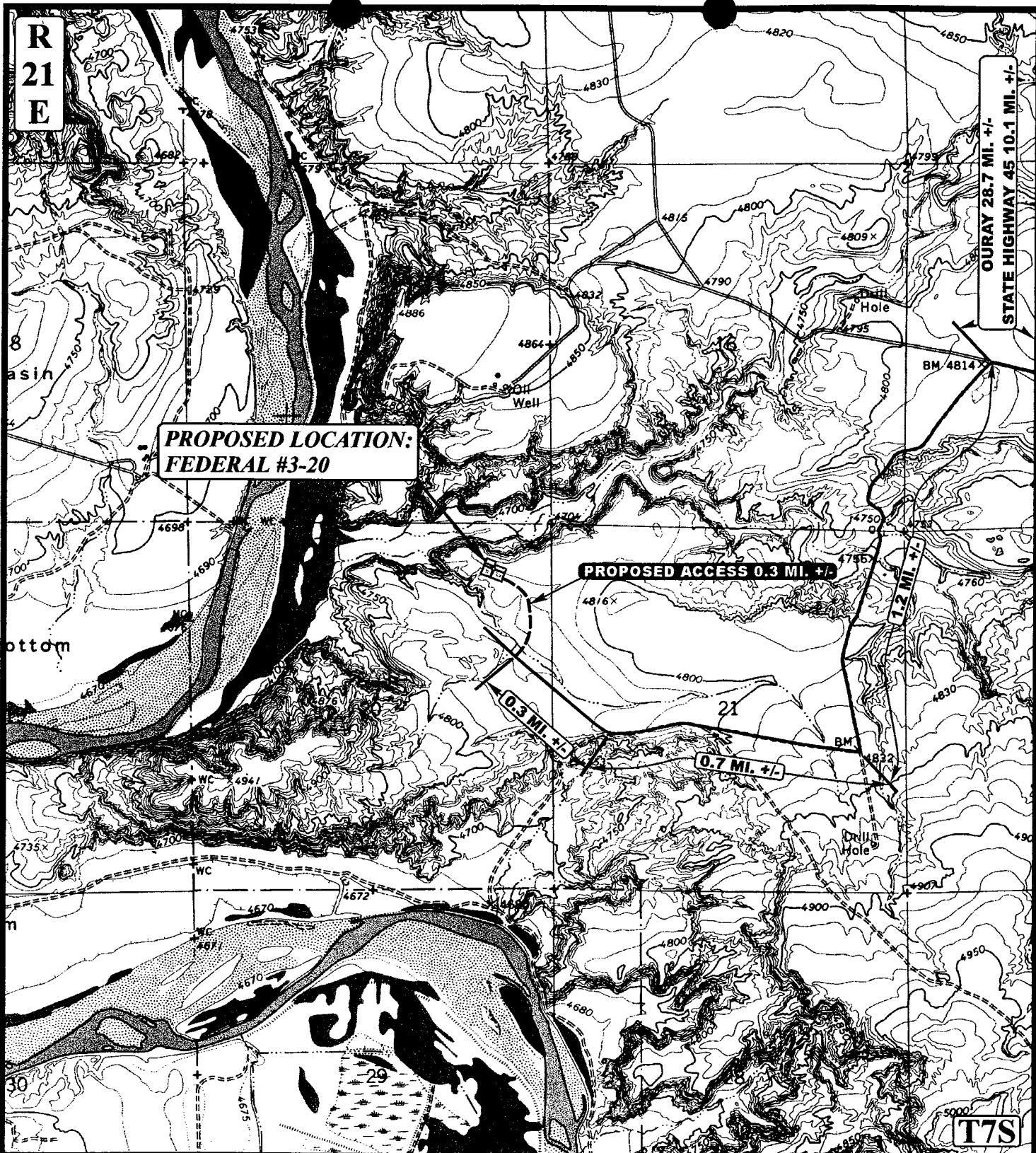
FEDERAL #3-20
SECTION 20, T7S, R21E, S.L.B.&M.
660' FNL 850' FEL



Utah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
(435) 789-1017 * FAX (435) 789-1813

TOPOGRAPHIC MAP
12 27 00
MONTH DAY YEAR
SCALE: 1:100,000 DRAWN BY: K.G. REVISED: 00-00-00





LEGEND:

----- PROPOSED ACCESS ROAD
 _____ EXISTING ROAD



MAR/REG OIL COMPANY

FEDERAL #3-20
SECTION 20, T7S, R21E, S.L.B.&M.
660' FNL 850' FEL



Uintah Engineering & Land Surveying
 85 South 200 East Vernal, Utah 84078
 (435) 789-1017 * FAX (435) 789-1813

TOPOGRAPHIC
MAP

12 27 00
 MONTH DAY YEAR

SCALE: 1" = 2000' DRAWN BY: K.G. REVISED: 00-00-00

B
TOPO



LEGEND:

- | | |
|-------------------|-------------------------|
| ○ DISPOSAL WELLS | ○ WATER WELLS |
| ● PRODUCING WELLS | ● ABANDONED WELLS |
| ● SHUT IN WELLS | ● TEMPORARILY ABANDONED |

MAR/REG OIL COMPANY

FEDERAL #3-20
SECTION 20, T7S, R21E, S.L.B.&M.
660' FNL 850' FEL



Uintah Engineering & Land Surveying
 85 South 200 East Vernal, Utah 84078
 (435) 789-1017 * FAX (435) 789-1813



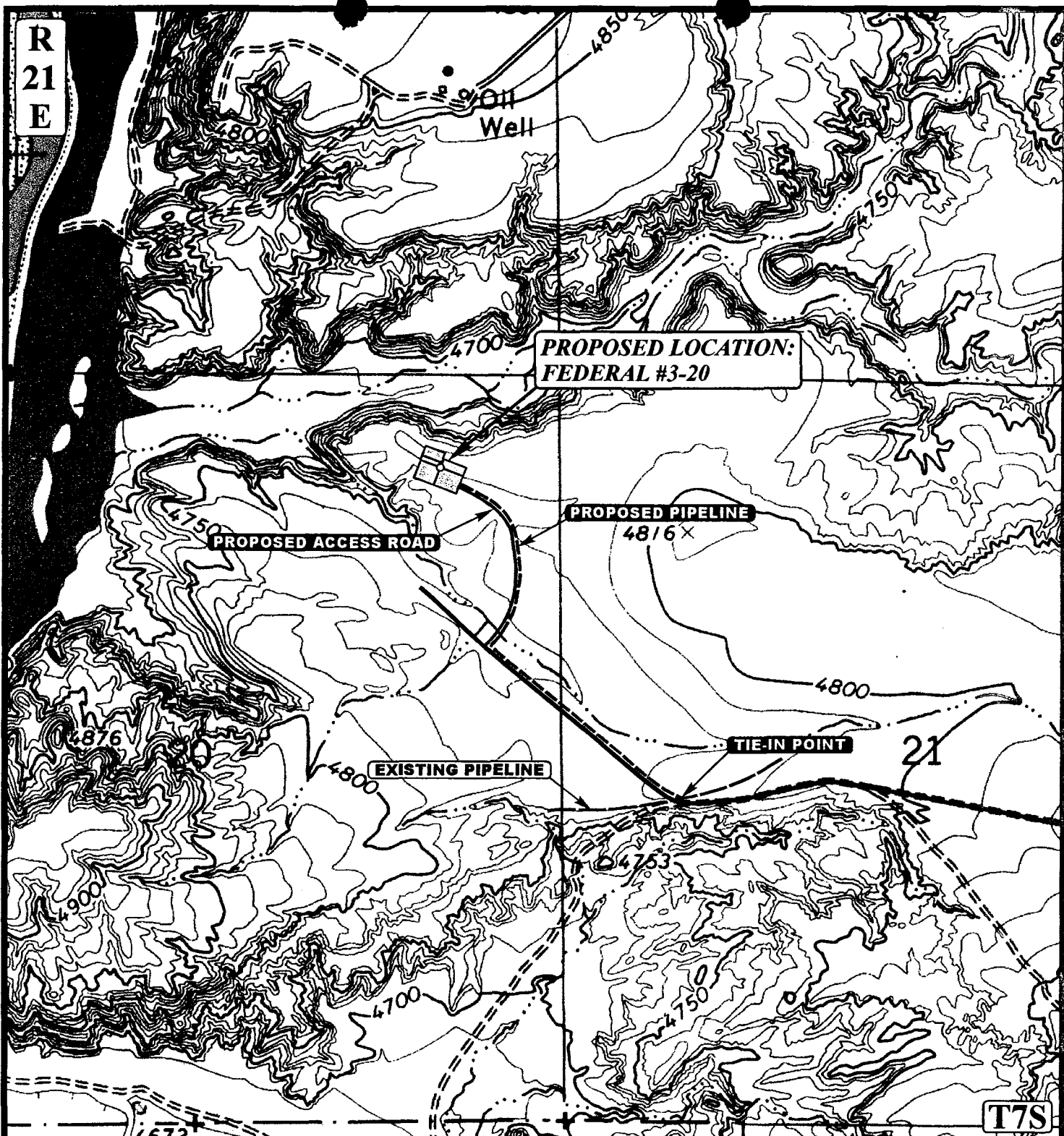
TOPOGRAPHIC
MAP

12 27 00
 MONTH DAY YEAR

SCALE: 1" = 2000' DRAWN BY: K.G. REVISED: 00-00-00



R
21
E



APPROXIMATE TOTAL PIPELINE DISTANCE = 3300' +/-

LEGEND:

- EXISTING PIPELINE
- - - - - PROPOSED PIPELINE
- PROPOSED ACCESS



MAR/REG OIL COMPANY

FEDERAL #3-20
SECTION 20, T7S, R21E, S.L.B.&M.
660' FNL 850' FEL



Uintah Engineering & Land Surveying
 85 South 200 East Vernal, Utah 84078
 (435) 789-1017 * FAX (435) 789-1813

TOPOGRAPHIC **12 27 00**
MAP MONTH DAY YEAR
 SCALE: 1" = 1000' DRAWN BY: K.G. REVISED: 00-00-00



WORKSHEET
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 03/15/2001

API NO. ASSIGNED: 43-047-33984

WELL NAME: FEDERAL 3-20

OPERATOR: MAR/REG OIL COMPANY (N8195)

CONTACT: RHONDA AHMAD

PHONE NUMBER: 775-852-7444

PROPOSED LOCATION:

NENE 20 070S 210E

SURFACE: 0660 FNL 0850 FEL

BOTTOM: 0660 FNL 0850 FEL

UINTAH

BRENNAN BOTTOM (560)

LEASE TYPE: 1-Federal

LEASE NUMBER: U-049656

SURFACE OWNER: 1-Federal

PROPOSED FORMATION: GR-WS

INSPECT LOCATN BY: / /

Tech Review	Initials	Date
Engineering		
Geology		
Surface		

RECEIVED AND/OR REVIEWED:

☒ Plat

☒ Bond: Fed[1] Ind[] Sta[] Fee[]
(No. UT-0994)

☒ Potash (Y/N)

☒ Oil Shale (Y/N) *190-5 (B) or 190-3

☒ Water Permit

(No. MUNICIPAL)

☒ RDCC Review (Y/N)

(Date: _____)

☒ Fee Surf Agreement (Y/N)

LOCATION AND SITING:

☐ R649-2-3. Unit _____

☒ R649-3-2. General

Siting: 460 From Qtr/Qtr & 920' Between Wells

☐ R649-3-3. Exception

☐ Drilling Unit

Board Cause No: _____

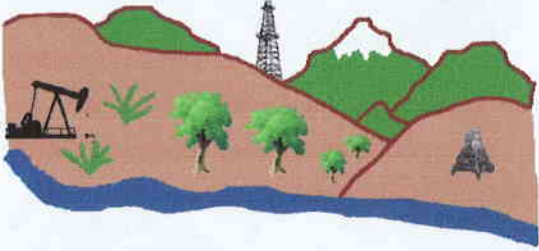
Eff Date: _____

Siting: _____

☐ R649-3-11. Directional Drill

COMMENTS: _____

STIPULATIONS: ① FEDERAL APPROVAL



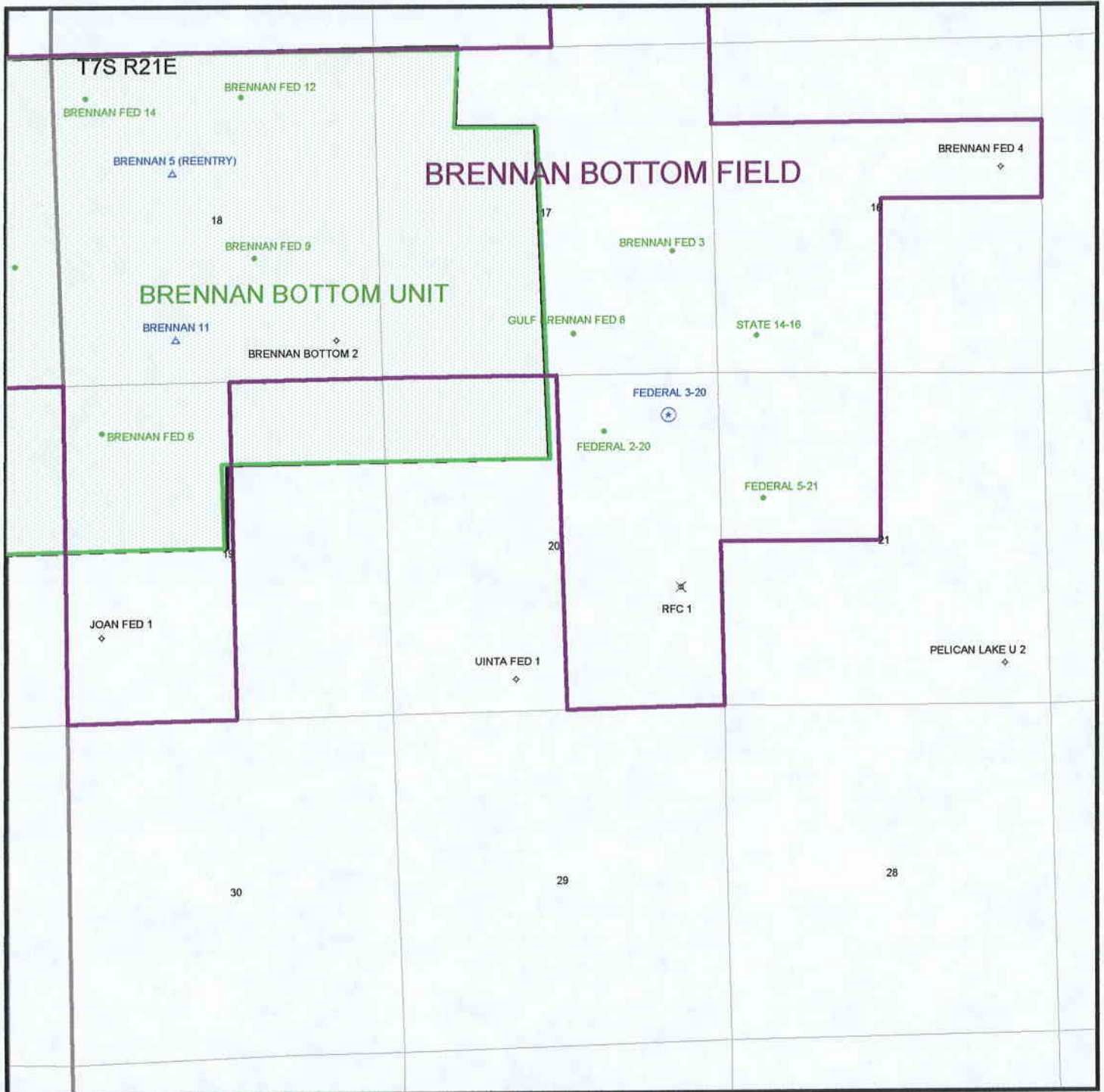
Utah Oil Gas and Mining

OPERATOR: MAR/REG OIL CO (N8195)

SEC. 20, T7S, R21E

FIELD: BRENNAN BOTTOM (560)

COUNTY: UINTAH SPACING: R649-3-2/GEN ST





State of Utah
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

Michael O. Leavitt
Governor

Kathleen Clarke
Executive Director

Lowell P. Braxton
Division Director

1594 West North Temple, Suite 1210
PO Box 145801

Salt Lake City, Utah 84114-5801
801-538-5340

801-359-3940 (Fax)
801-538-7223 (TDD)

March 22, 2001

Mar/Reg Oil Company
PO Box 18148
Reno, NV 89511

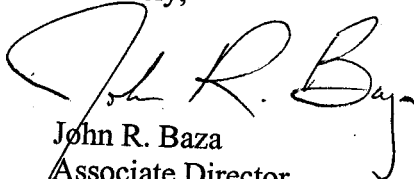
Re: Federal 3-20 Well, 660' FNL, 850' FEL, NE NE, Sec. 20, T. 7 South, R. 21 East,
Uintah County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann. § 40-6-1 *et seq.*, Utah Administrative Code R649-3-1 *et seq.*, and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-047-33984.

Sincerely,


John R. Baza
Associate Director

er
Enclosures

cc: Uintah County Assessor
Bureau of Land Management, Vernal District Office

Operator: Mar/Reg Oil Company
Well Name & Number Federal 3-20
API Number: 43-047-33984
Lease: U-049656

Location: NE NE **Sec.** 20 **T.** 7 South **R.** 21 East

Conditions of Approval

1. General

Compliance with the requirements of Utah Admin. R. 649-1 *et seq.*, the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

2. Notification Requirements

Notify the Division within 24 hours of spudding the well.

- Contact Carol Daniels at (801) 538-5284.

Notify the Division prior to commencing operations to plug and abandon the well.

- Contact Dan Jarvis at (801) 538-5338

3. Reporting Requirements

All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

4. State approval of this well does not supersede the required federal approval, which must be obtained prior to drilling.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR DEEPEN

1a. TYPE OF WORK DRILL <input type="checkbox"/> DEEPEN <input type="checkbox"/>		5. Lease designation and serial number U-049656
b. TYPE OF WELL Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/> Single Zone <input type="checkbox"/> Multiple Zone <input type="checkbox"/>		6. If Indian, Allottee or Tribe name
2. Name of Operator MAR/REG OIL COMPANY		7. Unit Agreement Name
3. Address and Telephone Number P.O. BOX 18148, RENO, NV 89511 (775)852-7444		8. Farm or lease name, well no.
4. Location of Well (Report location clearly and in accordance with any State requirements.) At surface 660' FNL & 850' FEL NE/NE At proposed prod. Zone		9. API Well No. FEDERAL 3-20
14. Distance in miles and direction from nearest town or post office 31.2 MILES SOUTHEAST OF OURAY, UTAH		10. Field and pool, or wildcat WASATCH
15. Distance from proposed location to nearest property or lease line, ft. 660' (Also to nearest drig. Unit line, if any)	16. No. of acres in lease	11. Sec., T., R., M., or BLK. and survey or area SEC. 20, T7S, R21E
18. Distance from proposed location to nearest well, drilling, completed, or applied for, on this lease, ft.	19. Proposed depth 7200'	12. County or parish UINTAH
21. Elevations (show whether DF, RT, GR, etc.) 4776.5 FEET GRADED GROUND		13. State UTAH
23. PROPOSED CASING AND CEMENTING PROGRAM		17. No. of acres assigned to this well
20. Rotary or cable tools ROTARY		22. Approx. date work will start UPON APPROVAL

SIZE OF HOLE	GRADE, SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
11"	8 5/8"	24#	300'	150-200 SX CLASS "G" + 2% CaCl2 + 1/4 #/SX CELLOFLAKE.
7 7/8"	5 1/2"	17#	7200'	50/50 POXMIX + 2% GEL + 10% SALT TO 400' ABOVE ALL ZONES OF INTEREST (+10% EXCESS). LIGHT CEMENT (11PPG+) + LCM TO 200' ABOVE OIL SHALE OR FRESH WATER INTERVALS (+ 5% EXCESS).

SEE ATTACHMENTS FOR:

8 POINT PLAN
BOP SCHEMATIC
SURFACE USE AND OPERATING PLAN
LOCATION PLAT
LOCATION LAYOUT
TOPOGRAPHIC MAPS "A", "B", AND "C"
GAS SALES PIPELINE—MAP "D"
FACILITY DIAGRAM

CONFIDENTIAL

MAR/REG OIL COMPANY WILL BE THE
DESIGNATED OPERATOR OF THE SUBJECT
WELL UNDER BOND # **UT 0994**

Pc: UTAH DIVISION OF OIL, GAS, AND MINING

RECEIVED

MAR 15 2001

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

SIGNED *[Signature]* TITLE Agent DATE 3-9-2001

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

CONDITIONS OF APPROVAL, IF ANY: _____
APPROVED BY *[Signature]* TITLE Assistant Field Manager Mineral Resources DATE 6/28/2001

CONDITIONS OF APPROVAL ATTACHED

CONDITIONS OF APPROVAL
APPLICATION FOR PERMIT TO DRILL

Company/Operator: MAR/REG Oil Company

Well Name & Number: Federal 3-20

API Number: 43-047-33984

Lease Number: U-49665

Location: NENE Sec. 20 T.7S R. 21E

Agreement: N/A

For more specific details on notification requirements, please check the Conditions of Approval for Notice to Drill and Surface Use Program.

CONDITIONS OF APPROVAL

Approval of this application does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Be aware fire restrictions may be in effect when location is being constructed and/or when well is being drilled. Contact the appropriate Surface Management Agency for information.

A. DRILLING PROGRAM

1. Estimated Depth at Which Oil, Gas, Water, or Other Mineral Bearing Zones are Expected to be Encountered

Report ALL water shows and water-bearing sands to Pete Sokolosky of this office **prior to setting the next casing string or requesting plugging orders**. Faxed copies of State of Utah form OGC-8-X are acceptable. If noticeable water flows are detected, submit samples to this office along with any water analyses conducted.

All usable water and prospectively valuable minerals (as described by BLM at onsite) encountered during drilling, will be recorded by depth and adequately protected. All oil and gas shows will be tested to determine commercial potential.

2. Pressure Control Equipment

The BOP and related equipment shall meet the minimum requirements of Onshore Oil and Gas Order No. 2 for equipment and testing requirements, procedures, etc., for a 2M system and individual components shall be operable as designed. Chart recorders shall be used for all pressure tests.

Test charts, with individual test results identified, shall be maintained on location while drilling and shall be made available to a BLM representative upon request.

3. Casing Program and Auxiliary Equipment

Surface casing shall have centralizers on the bottom three joints, with a minimum of one centralizer per joint. Surface casing setting depths are based on ground level elevations only.

All casing strings below the conductor shall be pressure tested to 0.22 psi/ft of casing string length or 1500 psi, whichever is greater but not to exceed 70% of the minimum internal yield.

As a minimum, the usable water shall be isolated and/or protected by having a cement top for the production casing at least 200 ft. above the base of the usable water zone, identified at ± 2530 ft. To cement the production string back to a minimum of $\pm 2230'$.

If gilsonite is encountered while drilling, it shall be isolated and/or protected via the cementing program.

4. Mud Program and Circulating Medium

None

5. Coring, Logging and Testing Program

Daily drilling and completion progress reports shall be submitted to this office on a weekly basis.

A cement bond log (CBL) will be run from the production casing shoe to top of the cement and shall be utilized to determine the bond quality for the production casing. Submit a field copy of the CBL to this office.

Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (Form 3160-4) will be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3164. Two copies of all logs, core descriptions, core analyses, well-test data, geologic summaries, sample description, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, will be filed with Form 3160-4. Samples (cuttings, fluids, and/or gases) will be submitted when requested by the AO.

6. Notifications of Operations

No location will be constructed or moved, no well will be plugged, and no drilling or workover equipment will be removed from a well to be placed in a suspended status without prior approval of the AO. If operations are to be suspended, prior approval of the AO will be obtained and notification given before resumption of operations.

Operator shall report production data to MMS pursuant to 30 CFR 216.5 using form MMS/3160.

Immediate Report: Spills, blowouts, fires, leaks, accidents, or any other unusual occurrences shall be promptly reported in accordance with the requirements of NTL-3A or its revision.

If a replacement rig is contemplated for completion operations, a "Sundry Notice" (Form 3160-5) to that effect will be filed, for prior approval of the AO, and all conditions of this approved plan are applicable during all operations conducted with the replacement rig.

The date on which production is commenced or resumed will be construed for oil wells as the date on which liquid hydrocarbons are first sold or shipped from a temporary storage facility, such as a test tank, and for which a run ticket is required to be generated or, the date on which liquid hydrocarbons are first produced into a permanent storage facility, whichever first occurs; and, for gas wells as the date on which associated liquid hydrocarbons are first sold or shipped from a temporary storage facility, such as a test tank, and for which a run ticket is required to be generated or, the date on which gas is first measured through permanent metering facilities, whichever first occurs.

Should the well be successfully completed for production, the AO will be notified when the well is placed in a producing status. Written notification of such must be submitted to this office not later than five (5) days following the date on which the well is placed on production.

Gas produced from this well may not be vented or flared beyond an initial authorized test period of 30 days or 50 MMCF following its completion, whichever occurs first, without the prior written approval of the Authorized Officer. Should gas be vented or flared without approval beyond the authorized test period, the operator may be directed to shut-in the well until the gas can be captured or approval to continue venting or flaring as uneconomic is granted and the operator shall be required to compensate the lessor for that portion of the gas vented or flared without approval which is determined to have been avoidably lost.

A schematic facilities diagram as required by 43 CFR 3162.7-5(d) shall be submitted to the appropriate Field Office within 60 days of installation or first production, whichever occurs first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with 43 CFR 3162.7-5 (1).

No well abandonment operations will be commenced without the prior approval of the AO. In the case of newly drilled dry holes or failures, and in emergency situations, oral approval will be obtained from the AO. A "Subsequent Report of Abandonment" Form 3160-5, will be filed with the AO within thirty (30) days following completion of the well for abandonment. This report will indicate where plugs were placed and the current status of surface restoration. Final abandonment will not be approved until the surface reclamation work required by the approved APD or approved abandonment notice has been completed to the satisfaction of the AO or his representative, or the appropriate Surface Managing Agency.

7. Other Information

All loading lines will be placed inside the berm surrounding the tank battery.

All off-lease storage, off-lease measurement, or commingling onlease or off-lease will have prior written approval from the AO.

The oil and gas measurement facilities will be installed on the well location. The oil and gas meters will be calibrated in place prior to any deliveries and tested for meter accuracy at least quarterly thereafter. The AO will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports will be submitted to the Vernal District Office. All meter measurement facilities will conform with Onshore Oil & Gas Order No. 4 for liquid hydrocarbons and Onshore Oil & Gas Order No. 5 for natural gas measurement.

The use of materials under BLM jurisdiction will conform to 43 CFR 3610.2-3.

There will be no deviation from the proposed drilling and/or workover program without prior approval from the AO. Safe drilling and operating practices must be observed. All wells, whether drilling, producing, suspended, or abandoned will be identified in accordance with 43 CFR 3162.

"Sundry Notice and Report on Wells" (Form 3160-5) will be filed for approval for all changes of plans and other operations in accordance with 43 CFR 3162.3-2.

Section 102(b)(3) of the Federal Oil and Gas Royalty Management Act of 1982, as implemented by the applicable provisions of the operating regulations at Title 43 CFR 3162.4-1(c), requires that "not later than the 5th business day after any well begins production on which royalty is due anywhere on a lease site or allocated to a lease site, or resumes production in the case of a well which has been off production for more than 90 days, the operator shall notify the authorized officer by letter or sundry notice, Form 3160-5, or orally to be followed by a letter or sundry notice, of the date on which such production has begun or resumed."

If you fail to comply with this requirement in the manner and time allowed, you shall be liable for a civil penalty of up to \$10,000 per violation for each day such violation

continues, not to exceed a maximum of 20 days. See Section 109(c)(3) of the Federal Oil and Gas Royalty Management Act of 1982 and the implementing regulations at Title 43 CFR 3162.4-1(b)(5)(ii).

APD approval is valid for a period of one (1) year from the signature date. An extension period may be granted, if requested, prior to the expiration of the original approval period.

In the event after-hours approvals are necessary, you must contact one of the following individuals:

Ed Forsman	(435) 789-7077 (HOME)	(435) 646-1685 (PAGER)
Petroleum Engineer		

Kirk Fleetwood	(435) 789-6858 (HOME)	(435) 646-1678 (PAGER)
Petroleum Engineer		

BLM FAX Machine	(435) 781-4410
-----------------	----------------

EPA'S LIST OF NONEXEMPT EXPLORATION AND PRODUCTION WASTES

While the following wastes are nonexempt, they are not necessarily hazardous.

Unused fracturing fluids or acids

Gas plant cooling tower cleaning wastes

Painting wastes

Oil and gas service company wastes, such as empty drums, drum rinsate, vacuum truck rinsate, sandblast media, painting wastes, spent solvents, spilled chemicals, and waste acids

Vacuum truck and drum rinsate from trucks and drums, transporting or containing nonexempt waste

Refinery wastes

Liquid and solid wastes generated by crude oil and tank bottom reclaimers

Used equipment lubrication oils

Waste compressor oil, filters, and blowdown

Used hydraulic fluids

Waste solvents

Waste in transportation pipeline-related pits

Caustic or acid cleaners

Boiler cleaning wastes

Boiler refractory bricks

Incinerator ash

Laboratory wastes

Sanitary wastes

Pesticide wastes

Radioactive tracer wastes

Drums, insulation and miscellaneous solids.

CONDITIONS OF APPROVAL
FOR THE SURFACE USE PROGRAM OF THE
APPLICATION FOR PERMIT TO DRILL

- Topsoil shall not be used for the construction of tank dikes.** Dikes shall be constructed out of subsoils or impervious soils brought in from an outside source.
- All permanent (onsite for six months or longer) structures constructed or installed (including pumping units) will be painted a flat, non-reflective, earthtone color to match one of the standard environmental colors, as determined by the Rocky mountain Five State Interagency Committee. All facilities will be painted within 6 months of installation. Facilities required to comply with O.S.H.A. will be excluded. The required paint color is Desert Brown.

DIVISION OF OIL, GAS AND MINING

CONFIDENTIAL

SPUDDING INFORMATION

Name of Company: MAR/REG OIL COMPANY

Well Name: FEDERAL 3-20

Api No. 43-047-33984 LEASE TYPE: FEDERAL

Section 20 Township 07S Range 21E County UINTAH

Drilling Contractor DAL COOK RIG # AIR

SPUDDED:

Date 08//17/2001

Time 8:30 AM

How ROTARY

Drilling will commence WEDNESDAY, 8/29/01, CATFISH DRL #1

Reported by TARIG AHMED

Telephone # 1-435-828-7444

Date 08/28/2001 Signed: CHD

MAR/REG OIL COMPANY

A Nevada Corporation

CONFIDENTIAL

September 7, 2001

State of Utah
Division of Oil, Gas and Mining
1594 West North Temple, Suite 1210
P.O. Box 145801
Salt Lake City, UT 84114-5801

Re: Weekly Drilling Reports
Federal 3-20
Sec 20-T7S-R21E
Uintah County, UT

Enclosed are drilling progress reports on the above referenced well.

Sincerely,



Rhonda Ahmad

DRILLING REPORT

CONFIDENTIAL

43-047-33984

OPERATOR: MAR/REG OIL COMPANY	WELL NAME: FEDERAL 3-20
FIELD: BRENNAN BOTTOM	LOCATION: SEC 20-7S-21E
COUNTY/ST: UINTAH, UTAH	850 FEL, 660FNL
EST'D TD: 7,200'	FORMATION: GREEN RIVER
SPUD DATE: 08/17/01	AFE EST.: \$521,087

08/17/01	Spud well. Drill to 350'. Set 350 ft 8 5/8 casing. Cement to surface. Depth: 350'	Daily Cost: \$31,782	Cum.: \$31,782
08/25/01	Waiting on rig. Depth: 350'	Daily Cost: \$ 0	Cum.: \$31,782
08/26/01	Rigging up Cat Fish rig #1. Depth: 350'	Daily Cost: \$652	Cum.: \$32,424
08/27/01	Waiting on pump. Depth: 350'	Daily Cost: \$624	Cum.: \$33,048
08/28/01	Double jack tested top pipe rams, blind rams, annulus BOP, choke manifold, choke line, kill line, upper kelly, floor valves, dart valve to 2000# F/10 minutes. Tested okay. Test casing to 1500# F/30 minutes. Tested okay. Depth: 350'	Daily Cost: \$9,593	Cum.: \$42,641
08/29/01	Pick up drill collars. Waiting on pump parts Depth: 350'	Daily Cost: \$194	Cum.: \$43,459
08/30/01	Pick up Smith F/45 bit and drill collars. Trip in hole. Tag cement at 292' KB. Drill cement to 340'. MW: 8.4 Ph: 8.5 Depth: 956'	Daily Cost: \$17,540	Cum.: \$60,999
08/31/01	Drilling. Taking little weight off bit. Running survey. MW: 8.4 Ph: 11.0 Depth: 1,916'	Daily Cost: \$27,594	Cum.: \$88,593
09/01/01	Drill 624' in 24 hours. #1 pump down, shaft twisted off. MW: 8.4 Ph: 11.5 Lithology: shale, sandstone, claystone, gas shows from 2292-2313' sandstone. Depth: 2,540'	Daily Cost: \$14,999	Cum.: \$103,592
09/02/01	Drill 278' in 24 hours. MW: 8.4 Ph: 10.5 Depth: 2,890'	Daily Cost: \$13,661	Cum.: \$117,253

CONFIDENTIAL

DRILLING REPORT

43-047-33984

OPERATOR:	MAR/REG OIL COMPANY	WELL NAME:	FEDERAL 3-20
FIELD:	BRENNAN BOTTOM	LOCATION:	SEC 20-7S-21E
COUNTY/ST:	UINTAH, UTAH		850 FEL, 660FNL
EST'D TD:	7,200'	FORMATION:	GREEN RIVER
SPUD DATE:	08/17/01	AFE EST.:	\$521,087

09/03/01	Drill 192' in 18 hrs. Change out bit. Put Smith F-3H bit at 2878'. MW: 9.1 Ph: 9.5 Depth: 3,010'	Daily Cost: \$30,724	Cum.: \$147,977
09/04/01	Drill 247' in 23 1/2 hrs. MW: 9.2 Ph: 10.5 Depth: 3,257'	Daily Cost: \$14,639	Cum.: \$162,616
09/05/01	Drill 369' in 23 1/2 hrs. MW: 9.1 Ph: 9.5 Depth: 3,626	Daily Cost: \$20,285	Cum.: \$182,901
09/06/01	Drill 326' in 23 1/2 hrs. MW: 9.0 Ph: 9.5 Depth: 3,952	Daily Cost: \$13,173	Cum.: \$196,074

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FEB 21, 2001

DRILLING REPORT

DIVISION OF
OIL, GAS AND MINING

OPERATOR:	MAR/REG OIL COMPANY	WELL NAME:	FEDERAL 3-20
FIELD:	BRENNAN BOTTOM	LOCATION:	SEC 20-7S-21E
COUNTY/ST:	UINTAH, UTAH		850 FEL, 660FNL
EST'D TD:	7,200'	FORMATION:	GREEN RIVER
SPUD DATE:	08/17/01	AFE EST.:	\$521,087

09/07/01	Drilling rig service blocks dropped at 7:00 am. Unspooled line off drum. String drop about 30'. Respools drill line on drum. Drilling line parted. POOH layed down 5 joints drill pipe. Inspect drill pipe. OK. Bit was 1/4 out of gauge. MW: 9.0 Ph: 9.5 Depth: 3,952	Daily Cost: \$4,558	Cum.: \$200,632
09/08/01	Started drilling 5:00 pm. Wash & ream 3,938 to 3,958. Had about 10' of fill. MW: 9.0 Ph: 9.5 Depth: 4,110	Daily Cost: \$10,128	Cum.: \$210,760
09/09/01	Drill 267' in 22.5 hrs. All of the 5 1/2" csg on location. Drilling break at 4,145-4,151'. Max.gas 260 units @ 4147'. MW: 8.7 Ph: 10.0 Depth: 4,377	Daily Cost: \$13,341	Cum.: \$224,101
09/10/01	Rental swivel packing started leaking. Lay down rental, pick up rig swivel. Drill 267' in 21.5 hrs. Drilling break @ 4,393-4397', 4537-4,547'. Max.gas 436 units at 4,538'. MW: 8.8 Ph: 10.2 Depth: 4,644	Daily Cost: \$23,893	Cum.: \$247,994
09/11/01	Drill 217' in 17.5 hrs. Drilling break @ 4783'. Max.gas 520 units. Oil to the pits. MW: 8.9 Ph: 10.9 Depth: 4,861	Daily Cost: \$13,922	Cum.: \$261,916
09/12/01	Drill 325' in 20.5 hrs. Reamed & washed 36'. Drilling break @ 5,022-5,031'. Max.gas 528 units @ 5,025'. MW: 8.6 Ph: 10.5 Depth: 5,186	Daily Cost: \$18,229	Cum.: \$280,645
09/13/01	Drill 232' in 23 hrs. Drilling break at 5,331-5,333'. Max.gas 368 units @ 5,332'. MW: 8.8 Ph: 10.9 Depth: 5,418	Daily Cost: \$13,211	Cum.: \$293,856

CONFIDENTIAL

DRILLING REPORT

43-047-33984

OPERATOR:	MAR/REG OIL COMPANY	WELL NAME:	FEDERAL 3-20
FIELD:	BRENNAN BOTTOM	LOCATION:	SEC 20-7S-21E
COUNTY/ST:	UINTAH, UTAH		850 FEL, 660FNL
EST'D TD:	7,200'	FORMATION:	GREEN RIVER
SPUD DATE:	08/17/01	AFE EST.:	\$521,087

09/14/01	Drill 247' in 23 hrs. MW: 8.8 Ph: 10.6 Depth: 5,665	Daily Cost: \$22,883	Cum.: \$316,739
09/15/01	Drill 226' in 23 hrs. MW: 8.8 Ph: 10.6 Depth: 5,891	Daily Cost: \$13,835	Cum.: \$330,574
09/16/01	Drill 45' in 3 1/2 hrs. Trip out of hole for bit #5. Found #9 DC crooked. Lay DC down. Had DC inspected. Found 9 box end crooked, & 3 pin end cracked. Trip in hole. 5' of fill. Wash and ream to bottom. MW: 8.9 Ph: 10.5 Depth: 5,936	Daily Cost: \$12,671	Cum.: \$343,245
09/17/01	Drill 296' in 23 1/2 hrs. Drilling break at 6,132-6,136'. Max.gas 223 units at 6,135'. MW: 8.8 Ph: 10.0 Depth: 6,232	Daily Cost: \$19,212	Cum.: \$362,457
09/18/01	Drill 253' in 23 hrs. Drilling break at 6,261-6,267'. Max. gas 586 units at 6,263'. MW: 9.0 Ph: 10.0 Depth: 6,485	Daily Cost: \$15,321	Cum.: \$377,778
09/19/01	Drill 220' in 23 1/2 hrs. Lost circulation at 6,706'. MW: 9.3 Ph: 10.5 Depth: 6,706	Daily Cost: \$14,143	Cum.: \$391,921
09/20/01	Drill 139' in 12 hrs. TD hole at 10:00 pm. Circulate and clean hole up.		

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CT 7/11/01

DIVISION OF
OIL, GAS AND MINES

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 6

ENTITY ACTION FORM

Operator: MARIREG OIL COMPANY
Address: P.O. BOX 18148
city RENO
state NV zip 89511

Operator Account Number: N 8195

Phone Number: (725) 852-7444

Well 1

API Number	Well Name	QQ	Sec	Twp	Rng	County
43-047-33984	FEDERAL 3-20	NWSE	20	7S	21E	UINTAH
Action Code	Current Entity Number	New Entity Number	Spud Date	Entity Assignment Effective Date		
A	99999	13326	8/17/01	8/17/01		
Comments: <u>10-9-01</u> CONFIDENTIAL						

Well 2

API Number	Well Name	QQ	Sec	Twp	Rng	County
Action Code	Current Entity Number	New Entity Number	Spud Date	Entity Assignment Effective Date		
Comments:						

Well 3

API Number	Well Name	QQ	Sec	Twp	Rng	County
Action Code	Current Entity Number	New Entity Number	Spud Date	Entity Assignment Effective Date		
Comments:						

ACTION CODES:

- A - Establish new entity for new well (single well only)
- B - Add new well to existing entity (group or unit well)
- C - Re-assign well from one existing entity to another existing entity
- D - Re-assign well from one existing entity to a new entity
- E - Other (Explain in 'comments' section)

Rhonda Ahmad
Name (Please Print)
Rhonda Ahmad
Signature
President
Title
10/2/01
Date

DRILLING REPORT

OPERATOR:	MAR/REG OIL COMPANY	WELL NAME:	FEDERAL 3-20
FIELD:	BRENNAN BOTTOM	LOCATION:	SEC 20-7S-21E
COUNTY/ST:	UINTAH, UTAH		850 FEL, 660FNL
EST'D TD:	7,200'	FORMATION:	GREEN RIVER
SPUD DATE:	08/17/01	AFE EST.:	\$521,087

09/21/01	<p>Trip in hole to 6,780'. Wash and ream 6,780-6,845'. Had 5' of fill. Circulate and pump pill. Pull 22 stands drill pipe out of hole. Got stuck. Bit at 5,432'. Call BLM about cementing long string 8:49 am.</p> <p>MW: 8.9 Ph: 10.5</p> <p>Depth: 6,845 Daily Cost: \$10,345 Cum.: \$411,929</p>		
09/22/01	<p>Free point drill pipe. Pipe stuck at about 1,250'. Work pipe movement. Pick up surface jars. Hit jars one time at 40,000#. Came free. Lay down jars. Circulate and work pipe through tight spot. Pull out of hole and clean bit. Trip in hole and circulate for 2 1/2 hrs. Pull up to lay down drill pipe.</p> <p>MW: 8.9 Ph: 10.5</p> <p>Depth: 6,845 Daily Cost: \$20,036 Cum.: \$431,965</p>		
09/23/01	<p>Work through tight spot at 6,660' and at 1,250'. Coming out of hole. Pick and run 5 1/2 casing to 6,716'. Wash casing down to 6,845'. Shoe at 6,845'. Float collar at 6,811.18'. Ran total of 165 joints 17# LTC J55 casing. Land on slips 10% over string weight 120,000#. Cement with 20 bbls water ahead 210 sacks 11 lbs/gal. Tail 95 sacks 14 lbs/gal.</p> <p>Depth 6,845 Daily Cost: \$38,737 Cum.: \$470,702</p>		
09/24/01	<p>Bumped plug at 2:33 am 1600 psi. No flow back. Released rig at 10:00 am 9/24/01.</p> <p>Depth 6,845 Daily Cost: \$80,280 Cum.: \$550,982</p>		

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SEP 18 1901

COMPLETION REPORT

DIVISION OF
OIL, GAS AND MINING

OPERATOR:	MAR/REG OIL COMPANY	WELL NAME:	FEDERAL 3-20
FIELD:	BRENNAN BOTTOM	LOCATION:	SEC 20-7S-21E
COUNTY/ST:	UINTAH, UTAH		850 FEL, 660FNL
EST'D TD:	7,200'	FORMATION:	GREEN RIVER
SPUD DATE:	08/17/01	AFE EST.:	\$521,087

43-042-33984

CONFIDENTIAL

09/25/01 Waiting on completion rig.

09/26/01 Waiting on completion rig.

09/27/01 Waiting on completion rig.

09/28/01 Unload 220 Jts 2 7/8 6.5# J55 EUE tubing on pipe racks. Move
in workover rig. Rig up. Shut down for night.
Daily completion cost: \$19,341 Cum: \$19,341

09/29/01 Run in hole with 4 3/4 bit 5 1/2" casing scraper 211 joints
2 7/8" J55 tubing. Circulate hole with 146 bbls 3% KCL
water. Tag at 6,802'. Pressure test 7 1/16 x 5000# BOP and
casing to 3000#. Test OK. Swab well down to 4,500 and trip
out of hole with 2 7/8 tubing bit & scraper. Rig up
Weatherford W.L. and perforate from 6,708-6,728' one shot per
ft, 22 holes. Pulled out of fluid at 4,453'. Run in hole
with 5 1/2" packer and 100 jts 2 7/8" tubing to 3,225'. Shut
well in.
Daily completion cost: \$10,538 Cum: \$29,879

09/30/01 Well shut in.

10/01/01 SITP vacuum, SICP vacuum. RIH with 106 jts 2 7/8" 6.5# J55
tubing. Set packer at 6,656' KB. 206 jts total. Fill annulus
with 69 bbls KCL water. Test to 600 psi. Held OK. 1st swab
run fluid at 4,500'. Pull from 5,800' 100% water. RU Dowell
for break down. Max rate 4000# average 1800#. Dropped 40
balls. Had good ball action. Started swabbing fluid level at
500'. Swab well down. Recovered 58 bbls KCL water in 5 runs.
Made runs every 1/2 hr. 9th run misrun. 10th run 1.6 bbls
trace oil. Total recovered 66.5 bbls. Fluid level at 6,500'.
Shut in well for night.
Daily completion cost: \$37,213 Cum: \$67,092

10/02/01 SITP 0. First swab run fluid at 5,900'. Pulled from 6,656'.
Recovered 3.34 bbls fluid. Had 20' oil, 2nd run 1.25 bbls
water with no oil. Wait 1/2 hr. 3rd run fluid level at
6,600'. Recovered .42 bbls fluid 10-20% oil. On 4th swab
run fluid level at 6,500'. Pulled from packer .84 bbls fluid
40-50% oil. No fluid recovered on runs 5-7. Recovered total
of 5.85 fluid today, approx. 1/2 bbl oil. Open bypass on
packer. Let fluid equalize. POOH with 206 jts 2 7/8" tubing
and 5 1/2" packer. Shut well in.
Daily completion cost: \$3,425 Cum: \$70,517

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COMPLETION REPORT

DIVISION OF
OIL, GAS AND MINING

OPERATOR:	MAR/REG OIL COMPANY	WELL NAME:	FEDERAL 3-20
FIELD:	BRENNAN BOTTOM	LOCATION:	SEC 20-7S-21E
COUNTY/ST:	UINTAH, UTAH		850 FEL, 660FNL
EST'D TD:	7,200'	FORMATION:	GREEN RIVER
SPUD DATE:	08/17/01	AFE EST.:	\$521,087

- 10/03/01 SIWP - vacuum. Schulumberger pump 4.0 PPA. Shut down leak at the well head flange. Resume pumping. Started pumping prop at 6.0 PPA pad 8.0 PPA 2.0 PPA screen out max. PSI 5205 average 1585 final 5,000. 15 min ISIP 2791. Run in hole with 2 7/8 tubing. Notched tubing collar to 2,180. Circulate gel and sand. Run in hole to 6,451'. Tag solid sand. Wash sand to 6,812'. Circulate hole clean and TOH. Daily completion cost: \$50,153 Cum: \$120,670
- 10/04/01 SIWP - vacuum. Rig up Weatherford W.L. RIH. Reperforate 6708-6728' 45 PF. Heat frac fluid to 80 degrees. Dowell/Schlumberger frac with 13,500 gallons YF-130 + 40,000# 20/40 sand. Flush with +/- 6500 gallons WF-110 max PSI 3819 average 1944 final 3050 ISIP 2200 15 min ISIP 988, max.rate 35.7. Shut in well. Had 150# after 1 1/2 hrs. Open up and TIH with notched collar one jt API SIN tag sand at 6,644'. Pull up 4 jts. Shut well in for night. Daily completion cost: \$55,867 Cum: \$176,537
- 10/05/01 SITP 0, SICP 0. Top of sand at 6,644'. Wash sand to 6,685'. Stop making hole. PU power swivel. Rotated 45 minutes. Broke through crust. Wash sand to TD @ 6,812 KB. Circulate hole clean. PU to 6,650'. Made 28 swab runs. Recovered 143.74 bbls of fluid 5% oil at end of day. Fluid level was at 5,500 to 5,600'. Fluid has small amount of gas cut, oil fines, no trace of sand. Daily completion cost: \$5,389 Cum: \$181,926
- 10/06/01 SITP 50 psi, SICP 30 psi. Third level this a.m. 5000'. Pulled F/S.N. @ 6,620'. Recovered 9 bbls fluid 50% oil. 2nd run: Fluid level 5,200' pulled 6.03 bbls 50% oil 3rd run: Fluid level 5,200' pulled 13.36 bbls 50% oil 4th/5th: Fluid level 5,300' pulled 10.02 bbls 50% oil 6th/7th: Fluid level 5,500' pulled 5.01 bbls 50% oil 8th/9th: Fluid level 5,700' pulled 5.01 bbls 50% oil 10th/11th: Fluid level 5,900' pulled 4.17 bbls 50% oil 12th: Fluid level 6,300' pulled 1.67 bbls 50% oil 13th: Fluid level 5,900' pulled 3.34 bbls 50% oil 14th: Fluid level 5,900' pulled 3.34 bbls 50% oil Drain water from 400 bbl tank. 1'11" oil in tank. 38.41 bbls oil today. Made 16 swab runs total and recovered 60.95 bbls fluid. Total fluid recovered since frac 204.69 Daily completion cost: \$3,861 Cum: \$185,787

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STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MININGAMENDED REPORT ☐ FORM 8
(highlight changes)

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. TYPE OF WELL: OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> DRY <input type="checkbox"/> OTHER _____						6. LEASE DESIGNATION AND SERIAL NUMBER: U-049656			
b. TYPE OF WORK: NEW <input checked="" type="checkbox"/> HORIZ. <input type="checkbox"/> DEEP. <input type="checkbox"/> RE- <input type="checkbox"/> DIFF. <input type="checkbox"/>						7. IF INDIAN, ALLOTTEE OR TRIBE NAME			
2. NAME OF OPERATOR: Mar/Reg Oil Company						8. WELL NAME and NUMBER: Federal 3-20			
3. ADDRESS OF OPERATOR: P.O. Box 18148 CITY Reno STATE NV ZIP 89511				PHONE NUMBER: 775-852-7444		9. API NUMBER: 43-047-33984			
4. LOCATION OF WELL (FOOTAGES) 660' FNL & 850' FEL						10 FIELD AND POOL, OR WILDCAT Wasatch			
AT TOP PRODUCING INTERVAL REPORTED BELOW:						11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NE/NE 20 7S 21E			
AT TOTAL DEPTH:						12. COUNTY Uintah			
						13. STATE UTAH			
14. DATE SPURRED: 8/17/01		15. DATE T.D. REACHED: 9/20/01		16. DATE COMPLETED: 10/10/01		17. ELEVATIONS (DF, RKB, RT, GL): RKB			
18. TOTAL DEPTH: MD 6845 TVD		19. PLUG BACK T.D.: MD 6812 TVD		20. IF MULTIPLE COMPLETIONS, HOW MANY? * ABANDONED <input type="checkbox"/> READY TO PRODUCE <input checked="" type="checkbox"/>		21. DEPTH BRIDGE MD NONE PLUG SET: TVD			
22. TYPE ELECTRIC AND OTHER MECHANICAL LOGS RUN (Submit copy of each) ✓ CBL-CL-GR, 11-13-01 ✓ CNL-DSI 11-13-01						23. WAS WELL CORED? NO <input checked="" type="checkbox"/> YES <input type="checkbox"/> (Submit analysis) WAS DST RUN? NO <input checked="" type="checkbox"/> YES <input type="checkbox"/> (Submit report) DIRECTIONAL SURVEY? NO <input checked="" type="checkbox"/> YES <input type="checkbox"/> (Submit copy)			
24. CASING AND LINER RECORD (Report all strings set in well)									
HOLE SIZE	SIZE/GRADE	WEIGHT (#/ft.)	TOP (MD)	BOTTOM (MD)	STAGE CEMENTER DEPTH	CEMENT TYPE & NO. OF SACKS	SLURRY VOLUME (BBL)	CEMENT TOP **	AMOUNT PULLED
11"	8 5/8"	24	surface	350'		G 2153	31.87	Surface	
7 7/8"	5 1/2"	17	350'	6818'		G 210	168	3072' CBL	
25. TUBING RECORD									
SIZE	DEPTH SET (MD)	PACKER SET (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)	
2 7/8"	6730.94'								
26. PRODUCING INTERVALS					27. PERFORATION RECORD				
FORMATION NAME	TOP (MD)	BOTTOM (MD)	TOP (TVD)	BOTTOM (TVD)	INTERVAL (Top/Bot - MD)	SIZE	NO. HOLES	PERFORATION STATUS	
(A) Green River	3340	6826			6708-6728	23 g	4 spf	Open <input checked="" type="checkbox"/>	Squeezed <input type="checkbox"/>
(B)								Open <input type="checkbox"/>	Squeezed <input type="checkbox"/>
(C)								Open <input type="checkbox"/>	Squeezed <input type="checkbox"/>
(D)								Open <input type="checkbox"/>	Squeezed <input type="checkbox"/>
28. ACID, FRACTURE, TREATMENT, CEMENT SQUEEZE, ETC.									
DEPTH INTERVAL		AMOUNT AND TYPE OF MATERIAL							
6708-6728		22,000 gal gelled KCL water & 38,000 # 20/40 sand							
29. ENCLOSED ATTACHMENTS:									
<input checked="" type="checkbox"/> ELECTRICAL/MECHANICAL LOGS <input type="checkbox"/> SUNDRY NOTICE FOR PLUGGING AND CEMENT VERIFICATION					<input type="checkbox"/> GEOLOGIC REPORT <input type="checkbox"/> CORE ANALYSIS				
					<input type="checkbox"/> DST REPORT <input type="checkbox"/> OTHER: _____				
					30. WELL STATUS: Producing				

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31. INITIAL PRODUCTION

INTERVAL A (As shown in Item #26)

DATE FIRST PRODUCED: 10/10/01	TEST DATE: 10/10/01	HOURS TESTED: 24	TEST PRODUCTION RATES: →	OIL - BBL: 10	GAS - MCF: NM	WATER - BBL: 10	PROD. METHOD: pump
CHOKE SIZE: open 6 7/8	TBG. PRESS. 0	CSG. PRESS. 0	API GRAVITY 30.00	BTU - GAS NM	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	INTERVAL STATUS:

INTERVAL B (As shown in Item #26)

DATE FIRST PRODUCED:	TEST DATE:	HOURS TESTED:	TEST PRODUCTION RATES: →	OIL - BBL:	GAS - MCF:	WATER - BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU - GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	INTERVAL STATUS:

INTERVAL C (As shown in Item #26)

DATE FIRST PRODUCED:	TEST DATE:	HOURS TESTED:	TEST PRODUCTION RATES: →	OIL - BBL:	GAS - MCF:	WATER - BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU - GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	INTERVAL STATUS:

INTERVAL D (As shown in Item #26)

DATE FIRST PRODUCED:	TEST DATE:	HOURS TESTED:	TEST PRODUCTION RATES: →	OIL - BBL:	GAS - MCF:	WATER - BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU - GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	INTERVAL STATUS:

32. DISPOSITION OF GAS (Sold, Used for Fuel, Vented, Etc.)

Vented

33. SUMMARY OF POROUS ZONES (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

34. FORMATION (Log) MARKERS:

Formation	Top (MD)	Bottom (MD)	Descriptions, Contents, etc.	Name	Top (Measured Depth)
Uintah	Surf.	3340			
Evacuation Creek	3340	5210			
Parachute Creek	5210	6310			
Douglas Creek Wasatch	6310 6826	6826			

35. ADDITIONAL REMARKS (Include plugging procedure)

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records.

NAME (PLEASE PRINT) Rhonda Ahmad

TITLE President

SIGNATURE

Rhonda Ahmad

DATE

11/17/01

This report must be submitted within 30 days of

- completing or plugging a new well
- drilling horizontal laterals from an existing well bore
- recompleting to a different producing formation

- reentering a previously plugged and abandoned well
- significantly deepening an existing well bore below the previous bottom-hole depth
- drilling hydrocarbon exploratory holes, such as core samples and stratigraphic tests

* ITEM 20: Show the number of completions if production is measured separately from two or more formations.

** ITEM 24: Cement Top - Show how reported top(s) of cement were determined (circulated (CIR), calculated (CAL), cement bond log (CBL), temperature survey (TS)).

Send to: Utah Division of Oil, Gas and Mining
1594 West North Temple, Suite 1210
Box 145801
Salt Lake City, Utah 84114-5801

Phone: 801-538-5340

Fax: 801-359-3940

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

FORM APPROVED
OMB NO. 1004-0137
Expires: November 30, 2000

1a. Type of Well ☒ Oil Well ☐ Gas Well ☐ Dry Other
b. Type of Completion: ☐ New Well ☒ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr.,
Other Reper

2. Name of Operator

MAR/REG OIL COMPANY

3. Address

P.O. Box 18148 Reno NV 89511

3a. Phone No. (include area code)

775 852-7444

4. Location of Well (Report location clearly and in accordance with Federal requirements)*

At surface 660 FNL & 850 FEL NE/NE

At top prod. interval reported below

At total depth

14. Date Spudded

8/17/01

15. Date T.D. Reached

9/20/01

16. Date Completed

☐ D & A ☐ Ready to Prod.

18. Total Depth: MD 6845
TVD

19. Plug Back T.D.: MD 6812
TVD

20. Depth Bridge Plug Set: MD None
TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)

CBL-CL-CR CNL-DSI

22. Was well cored? ☒ No ☐ Yes (Submit analysis)

Was DST run? ☒ No ☐ Yes (Submit report)

Directional Survey? ☒ No ☐ Yes (Submit copy)

23. Casing and Liner Record (Report all strings set in well)

Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
11"	8 5/8	24	Surface	350'		2156	31.87	Surface	
7 7/8	5 1/2	17	350'	6818		210 4.11 ft x 6	168	3072 CBL	

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2 7/8	6730.94							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) 6502 Green River	6502	6510	6502 - 6510		16	Open
B)						
C)						
D)						

27. Acid, Fracture, Treatment, Cement Squeeze, Etc.

Depth Interval	Amount and Type of Material

28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
9/20/02	9/20/02	24	→	6		6	34		On Pump
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	
			→					On Production	

28a. Production - Interval B

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	
			→						

(See instructions and spaces for additional data on reverse side)

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DIV. OF OIL, GAS & MIN.

28b. Production - Interval C

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	

28c. Production - Interval D

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	

29. Disposition of Gas (Sold, used for fuel, vented, etc.)

30. Summary of Porous Zones (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

31. Formation (Log) Markers

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top
					Meas. Depth

32. Additional remarks (include plugging procedure):

RECEIVED

33. Circle enclosed attachments:

1. Electrical/Mechanical Logs (1 full set req'd.) 2. Geologic Report 3. DST Report 4. Directional Survey
5. Sundry Notice for plugging and cement verification 6. Core Analysis 7. Other:

34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)*

Name (please print) TARIA AHMED Title Engineer
Signature [Signature] Date 12/24/02

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

DIV. OF OIL, GAS & MINING

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0135
Expires January 31, 2004

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE - Other instructions on reverse side

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. U-49656
2. Name of Operator MAR/REG OIL COMPANY		6. If Indian, Allottee or Tribe Name
3a. Address PO 18148 Reno NV 89511	3b. Phone No. (include area code) 775 333 6626	7. If Unit or CA/Agreement, Name and/or No.
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 660 FNL & BSO FEL NE/NE TOWNS R 21E SEC-20		8. Well Name and No. Federal 3-20
		9. API Well No. 43-04733984-0000
		10. Field and Pool, or Exploratory Area BRENNAN BOTTOMS
		11. County or Parish, State UINTAH UTAH

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input checked="" type="checkbox"/> Recomplete	<input type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplate horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

Recomplete well Pubert Green River
4536-49, 4722-34, 4810-22, 4860-70
5010-16, 5026-5038

Clean Bottom of well with Back

RECEIVED

MAR 24 2004

DIV. OF OIL, GAS & MINING

COPY SENT TO OPERATOR

Date: 3-30-04

Initials: CHD

14. I hereby certify that the foregoing is true and correct

Name (Printed/Typed) TARIG ATTARD	Title Petroleum Engineer
Signature <i>Tarig Attard</i>	Date 3/8/04

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Title
Accepted by the
Utah Division of
Office Oil, Gas and Mining
Date
3/30/04
Federal Approval Of This
Action Is Necessary

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on reverse)

By: *[Signature]*

Federal 3-20 Well Workover

March 29, 2004

Rigged up Leed Rig. Pulled pump and rods. Tagged bottom with 1 ½ joints tbf.
Tagged bottom at 6785 feet. Original PBTD 6845. (H2A interval 6708-6728 feet)
G2A Lime perforated 6502-6508.
Released crew at 5 pm.

March 30, 2004

POH with tbg. RIH with tbg and HD packer. Set packer at 6650 feet. Isolated the
perforated interval from the casing. Swab well.
1st swab run, fluid level 5800 feet. Pulled 200 feet fluid. (908 ft fluid on top of perms.)
2nd swab run. Tagged fluid at 5800 feet pulled 900 fluid column
3rd swab run. Tagged fluid at 6000 ft 708 foot fluid column. HD packer rental \$1100.00

Released rig. 6 pm

March 31, 2004

7 AM installed rubber hose on line to put fluid in tank. Cost \$300.00 RIH with swab,
tagged fluid at 5800 foot.
Pulled first swab run at 7:30 am.
2nd swab run. Tagged fluid at 6400 foot. 308 foot fluid column.
3rd swab run. Tagged fluid 6500 foot. 208 foot fluid column.

POH with tbg at 10:40 am

Rigged up perforating gun.
RIH with gun, fluid level 5912.
Perforated zones:
5024-5030 kick
5012-5016 kick
4867-4874 kick
4812-4818 no kick
4772-4774 kick
4536-4540 kick

POH. With perforating guns.
RIH with tbg set as follows:

KB
205 jt tgb
anchor
2 jts
SN
Perforated sub
1 jt tbg
notch collar.

Rigged up for swab.

April 1, 2004

Ran 1st swab. Tagged fluid at 4800 foot fluid level stayed constant at 4800 feet.
Ran in hole with pump with triple balls.

Started pump at 6 pm

**UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT**

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

FORM APPROVED
OMB NO. 1004-0137
Expires: November 30, 2000

5. Lease Serial No. U-49

1a. Type of Well ☒ Oil Well ☐ Gas Well ☐ Dry ☐ Other

b. Type of Completion: ☐ New Well ☒ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resrv.
Other Perforated additional Green River Form.

2. Name of Operator

MAR/REG OIL COMPANY

3. Address

P.O. 18148 Reno NV 89511

3a. Phone No. (include area code)
775 852-7444

4. **Location of Well** (*Report location clearly and in accordance with Federal requirements*)*

At surface 660 FNL 850 FBL SEC 20 T75, R21E

At top prod. interval reported below

SAME

At total depth

5 AM E

14. Date Spudded

15. Date T.D. Reached

16. Date Completed

☐ D & A ☐ Ready to Prod.

18. Total Depth: MD
TVD

19. Plug Back T.D.: MD
TV

20.	Depth Bridge Plug Set:	MD TVD
-----	------------------------	-----------

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)

22. Was well cored? ☒ No ☐ Yes (Submit analysis)
Was DST run? ☒ No ☐ Yes (Submit report)
Directional Survey? ☒ No ☐ Yes (Submit copy)

23. Casing and Liner Record (Report all strings set in well)

[illegible]

24. Tubing Record

[illegible]

25. Producing Intervals

26. Perforation Record

Formation	Top	Bottom	Perforation Interval	Size	No. Holes	Perf. Status
A) Green River			4536-48		2HPF	
B)			4722-34			
C)			4810-22			
D)			4860-70			

27. Acid, Fracture, Treatment, Cement Squeeze, Etc.

Depth Interval

Amount and Type of Material

RECEIVED

APR 09 2004

DIV. OF OIL, GAS & MINING

28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
		6	→	45			30°		Swab.
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	
			→					ON PUMP	

ON PUMP

28a. Production - Interval B

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Coef. API	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Cog. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	

(See instructions and spaces for additional data on reverse side)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OM B No. 1004-0137
Expires: March 31, 2007

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE- Other instructions on reverse side.

1. Type of Well ☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator **MAR/REG OIL COMPANY**

3a. Address
PO 18148, RENO, NEVADA 89511

3b. Phone No. (include area code)
775 852 7444

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
660 FNL 850 FEL NENE SEC 26, 7S 21 E SLM

5. Lease Serial No.

U-049656

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

8. Well Name and No.

FEDERAL 3-20

9. API Well No.

430473398400

10. Field and Pool, or Exploratory Area
BRENNAN BOTTOMS

11. County or Parish, State

UINTAH, UTAH

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

WELL WAS SHUT IN PENDING UNITIZATION WHICH WAS FILED BY MAR/REG AND LATER BY QUESTAR. WE ARE AWAITING A WORKOVER RIG TO RESET PACKER IN ORDER TO SHUT OFF WATER ZONE. WILL PUT WELL ON PRODUCTION ONCE PACKER IS RESET

4-28-06
CJD

14. I hereby certify that the foregoing is true and correct
Name (Printed/Typed)

TARIO AHMAD

Title **ENGINEER**

Signature

Date

4/10/06

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Title

Date

Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or reports, or to submit any false, fictitious or fraudulent documents to any officer or employee of any department or agency of the United States.

(Instructions on page 2)

Accepted by the
Utah Division of
Oil, Gas and Mining

Federal Approval Of This
Action Is Necessary

DIV. OF OIL, GAS & MINING

Date: 4/14/06

By: [Signature]

RECEIVED
APR 13 2006

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0137
Expires: March 31, 2007

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE- Other instructions on reverse side.

1. Type of Well
☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator **Mar/Reg Oil Company**

3a. Address
PO Box 18148, Reno, Nevada 89511

3b. Phone No. (include area code)
775 852 7444

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
660 FNL 850 FEL NENE SEC 20 7S 21 E SLM

5. Lease Serial No.
U-049656

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

8. Well Name and No.
FEDERAL 3-20

9. API Well No.
43-047-33984-00-00

10. Field and Pool, or Exploratory Area
Brennan Bottoms

11. County or Parish, State
Utah

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input checked="" type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

Installed Packer and put well on Production on July 22, 2006.

Request for approval of water disposal.

Produced water is stored in tank and will be trucked to disposal site

**Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY**

14. I hereby certify that the foregoing is true and correct
Name (Printed/Typed)

Tariq Ahmad

Title **Petroleum Engineer**

Signature

Date

7/25/06

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Title

Date

Office

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(Instructions on page 2)

RECEIVED

JUL 31 2006

DIV. OF OIL, GAS & MINING

Form 3160-5
(April 2004)UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

*Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.***SUBMIT IN TRIPLICATE- Other instructions on reverse side.**1. Type of Well
☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator Mar/Reg Oil Company

3a. Address
P.O. Box 18148, Reno, NY 895113b. Phone No. (include area code)
774-852-74444. Location of Well (Footage, Sec., T., R., M., or Survey Description)
660' FNL, 850' FEL, NENE, Sec. 20, T7S, R21E, SLMFORM APPROVED
OMB No. 1004-0137
Expires: March 31, 20075. Lease Serial No.
U-049656

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

8. Well Name and No.
Federal 3-209. API Well No.
43-047-3398410. Field and Pool, or Exploratory Area
Brennan Bottom11. County or Parish, State
Utah, UT

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input checked="" type="checkbox"/> Production (Start/Resume)	<input checked="" type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

To shut off water, pulled tubing, pulled pump and rods;
Top to bottom: 284 joints, 2-7/8" O.D. tubing
Installed packer, set packer at 6606 feet with 20,000 lbs tension plus tubing weight.
Two joints, 2-7/8" tubing and seating nipple at end. Pump depth is at 6672 ft.
Pump, 136" stroke, 2-1/2 x 1-1/2 x 4 x 17 RTBC, set at 6672 feet.

Tested packer with fluid pressure in casing; result was positive.
Put well on production.

Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY

14. I hereby certify that the foregoing is true and correct
Name (Printed/Typed)

Tariq Ahmad

Title Petroleum Engineer

Signature

Date

12/10/2007

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)

RECEIVED

SEP 23 2008

DIV. OF OIL, GAS & MINING

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-049656
1. TYPE OF WELL Oil Well		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
2. NAME OF OPERATOR: MAR/REG OIL COMPANY		7. UNIT or CA AGREEMENT NAME:
3. ADDRESS OF OPERATOR: PO Box 18148 , Reno, NV, 89511		8. WELL NAME and NUMBER: FEDERAL 3-20
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0660 FNL 0850 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NENE Section: 20 Township: 07.0S Range: 21.0E Meridian: S		9. API NUMBER: 43047339840000
PHONE NUMBER: 755 852-7444 Ext		9. FIELD and POOL or WILDCAT: BRENNAN BOTTOM
COUNTY: UINTAH		STATE: UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 3/25/2015	<input type="checkbox"/> ALTER CASING	
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CASING REPAIR	
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	
	<input type="checkbox"/> CHANGE TUBING	
	<input type="checkbox"/> CHANGE WELL STATUS	
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	
	<input type="checkbox"/> CONVERT WELL TYPE	
	<input type="checkbox"/> DEEPEN	
	<input type="checkbox"/> FRACTURE TREAT	
	<input type="checkbox"/> NEW CONSTRUCTION	
	<input type="checkbox"/> OPERATOR CHANGE	
	<input type="checkbox"/> PLUG AND ABANDON	
	<input type="checkbox"/> PLUG BACK	
	<input checked="" type="checkbox"/> PRODUCTION START OR RESUME	
	<input type="checkbox"/> RECLAMATION OF WELL SITE	
	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION	
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	
	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	
	<input type="checkbox"/> TEMPORARY ABANDON	
	<input type="checkbox"/> TUBING REPAIR	
	<input type="checkbox"/> VENT OR FLARE	
	<input type="checkbox"/> WATER DISPOSAL	
	<input type="checkbox"/> WATER SHUTOFF	
	<input type="checkbox"/> SI TA STATUS EXTENSION	
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	
	<input type="checkbox"/> OTHER: <input style="width: 100px;" type="text"/>	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.		
Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY April 17, 2015		
NAME (PLEASE PRINT) Tariq Ahmad	PHONE NUMBER 775 852-7444	TITLE Petroleum Engineer
SIGNATURE N/A	DATE 4/9/2015	

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

FORM APPROVED
OMB No. 1004-0137
Expires: March 31, 2007

5. Lease Serial No.

UTU 49656

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

8. Well Name and No.

Federal 3-20

9. API Well No.

43-047-33984

10. Field and Pool, or Exploratory Area

Brennan Bottoms

11. County or Parish, State

Uintah

SUBMIT IN TRIPLICATE- Other instructions on reverse side.

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator
Mar/Reg Oil Company

3a. Address

PO Box 18148, Reno, NV 89511

3b. Phone No. (include area code)

775 852 7444

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

660 FNL 850 FEL NENE SEC 20, T7S R2E WLM

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

TYPE OF ACTION

☐ Notice of Intent

☐ Subsequent Report

☐ Final-Abandonment Notice

☐ Acidize

☐ Alter Casing

☐ Casing Repair

☐ Change Plans

☐ Convert to Injection

☐ Deepen

☐ Fracture Treat

☐ New Construction

☐ Plug and Abandon

☐ Plug Back

☒ Production (Start/Resume)

☐ Reclamation

☐ Recomplete

☐ Temporarily Abandon

☐ Water Disposal

☐ Water Shut-Off

☐ Well Integrity

☐ Other

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

Resumed production on 3/25/2015

14. I hereby certify that the foregoing is true and correct
Name (Printed/Typed)

Tariq Ahmad

Title Petroleum Engineer

Signature

Date

03/25/2015

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Title

Date

Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)